



Durham County 2013 Community Health Assessment Survey Results Durham County Sample

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Introduction and Methods

The Durham County Community Health Assessment survey was conducted over six interview days between September 27th and October 25th, 2013. Administration of the community health survey was performed in collaboration with the North Carolina Institute for Public Health (NCIPH). A two-stage cluster sampling method developed by the Centers for Disease Control and Prevention (CDC) and the World Health Organization (WHO) was employed, using population-based sampling weights from each census block. This sampling method involves randomly selecting 30 census blocks and seven random interview sites in each block to generate a geographic random sample of households. In the first stage of sampling, 30 census blocks were randomly selected with a probability proportionate to the population size (so that the most populated census blocks were more likely to be selected). In the second stage of sampling, seven random interview locations were selected in each census block.

County random sample

The random sample of 30 census blocks resulted in 28 unique census blocks (two selected twice). The selected census blocks throughout Durham County are shown in Figure 1. This sample allows for generalizability of the collected data to the entire population of Durham County.

Survey administration

Interviewers were recruited from Durham County health organizations and the community in general and trained in survey interview methods. Interviewers worked in teams of two; 90% of the teams had at least one interviewer with prior survey experience. Teams obtained oral consent in English or Spanish before interviewing potential survey participants. Eligible participants were at least 18 years of age and a resident of the selected households. Responses were recorded at the time of interview using EpiInfo on a Google Nexus tablet.

Data analysis

During the analysis, results were weighted to account for the sampling method, such that the final results are generalizable to the population sampled.

Data were analyzed in SAS 9.3 (Cary, NC), and results for each question in the survey are reported as weighted proportions with their 95% confidence intervals (CI). Survey weights were calculated using methods described in the CDC CASPER toolkit, which incorporates the total number of households in the sampling frame, the number of households in the census block, and the number of interviews collected in each census block. These weights were used to calculate the standard error for each proportion, from which 95% CIs were derived. These confidence intervals should be interpreted as the interval that contains the true value in 95% of repeated samples. Qualitative data were summarized into categorical variables where appropriate. Each data chart is labeled with the number of respondents that answered the particular question, in the format “n=number”.

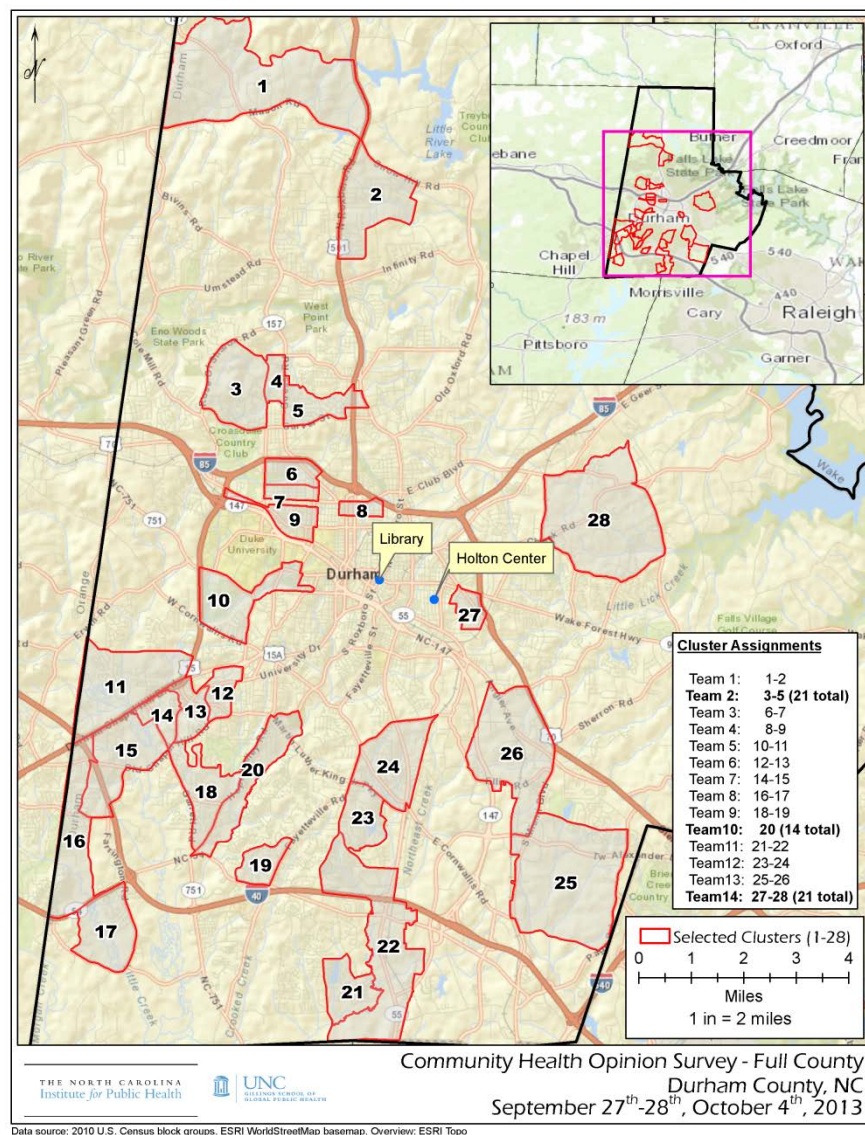


Figure 1. Selected census blocks (n = 28) for Durham County sample

Results

County random sample

A total of 182 interviews were successfully conducted among randomly sampled census blocks across the county, from the planned set of 210 interviews for a sampling success rate of 86.7%. The median age of survey respondents from this whole county sample was 50 years (range 18-92). Females made up 52% of survey respondents (95% CI: 43.7%, 60.8%) (Table 1). The majority of respondents were white (64.2%; 95% CI: 53.7%, 74.6%) and not of Hispanic origin (90.0%; 95% CI: 84.5%, 95.5%) (Table 1). Nine percent of respondents self-identified as Hispanic, and 8.3% of respondents spoke Spanish in the home. Respondents in this sample were similar to residents of Durham County.

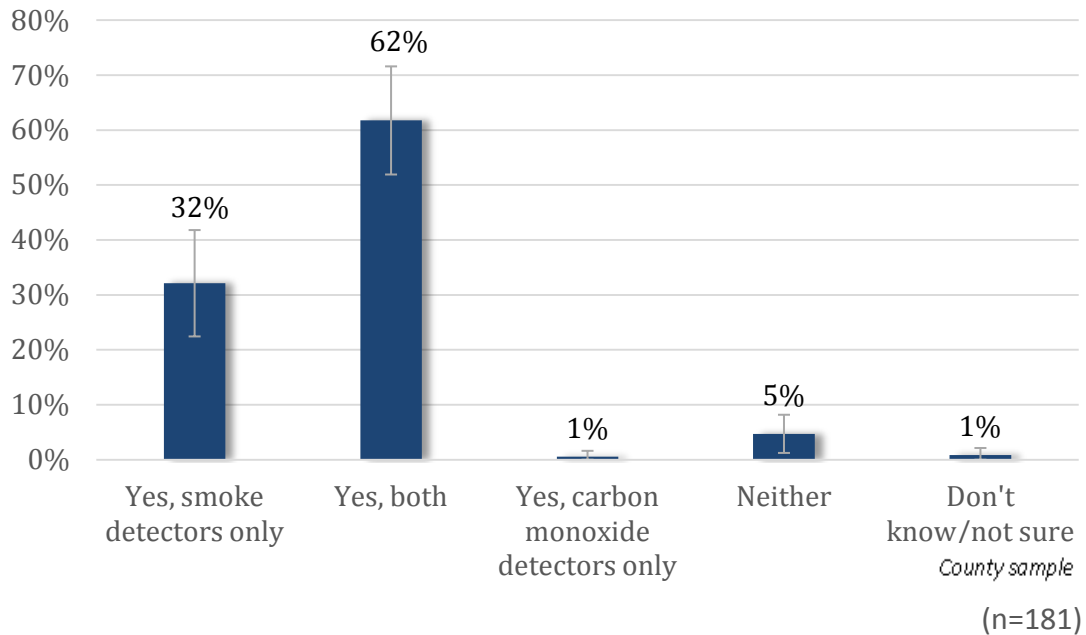
Table 1. Demographic characteristics of survey respondents

	Sample Percent (95% CI)	Durham County*
Gender (n= 180)		
Female	52.3% (43.7%, 60.8%)	52.4%
Male	47.7% (39.2%, 56.3%)	47.6%
Race (n= 168)		
American Indian/ Alaskan Native	2.5% (0.0%, 5.6%)	0.1%
Asian	2.1% (0.0%, 4.2%)	4.9%
Black or African American	30.7% (21.2%, 40.2%)	38.8%
White	64.2% (53.7%, 74.6%)	53.0%
Refused	0.6% (0.0%, 1.7%)	---
Hispanic origin (n=175)		
Hispanic	8.9% (4.7%, 13.1%)	13.4%

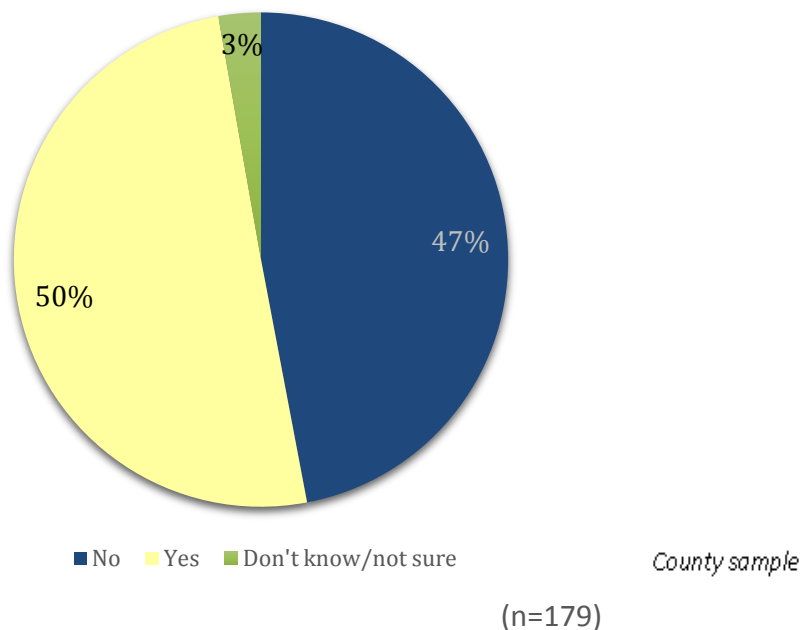
*Source: 2012 U.S. Census QuickFacts

Part 1. Emergency Preparedness

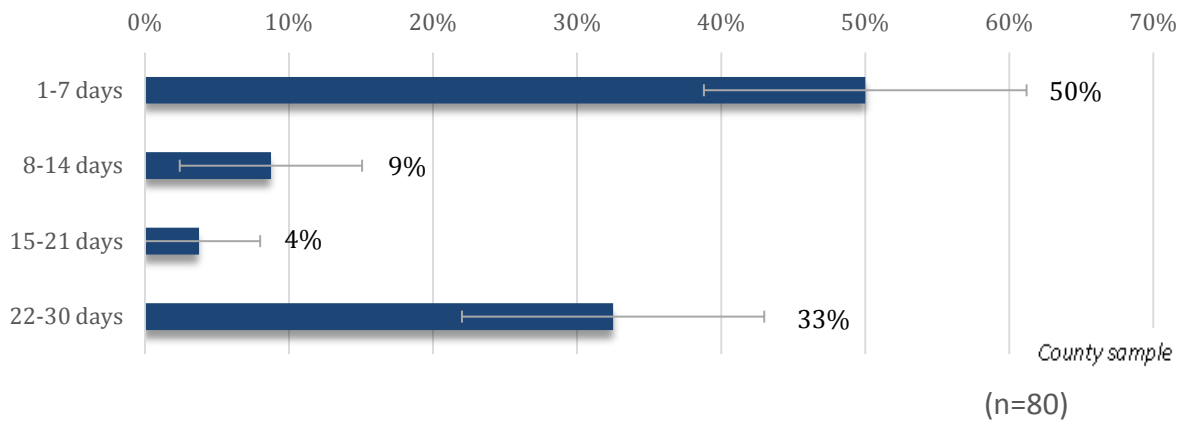
1. Does your household have working smoke and carbon monoxide detectors? (Choose one.)



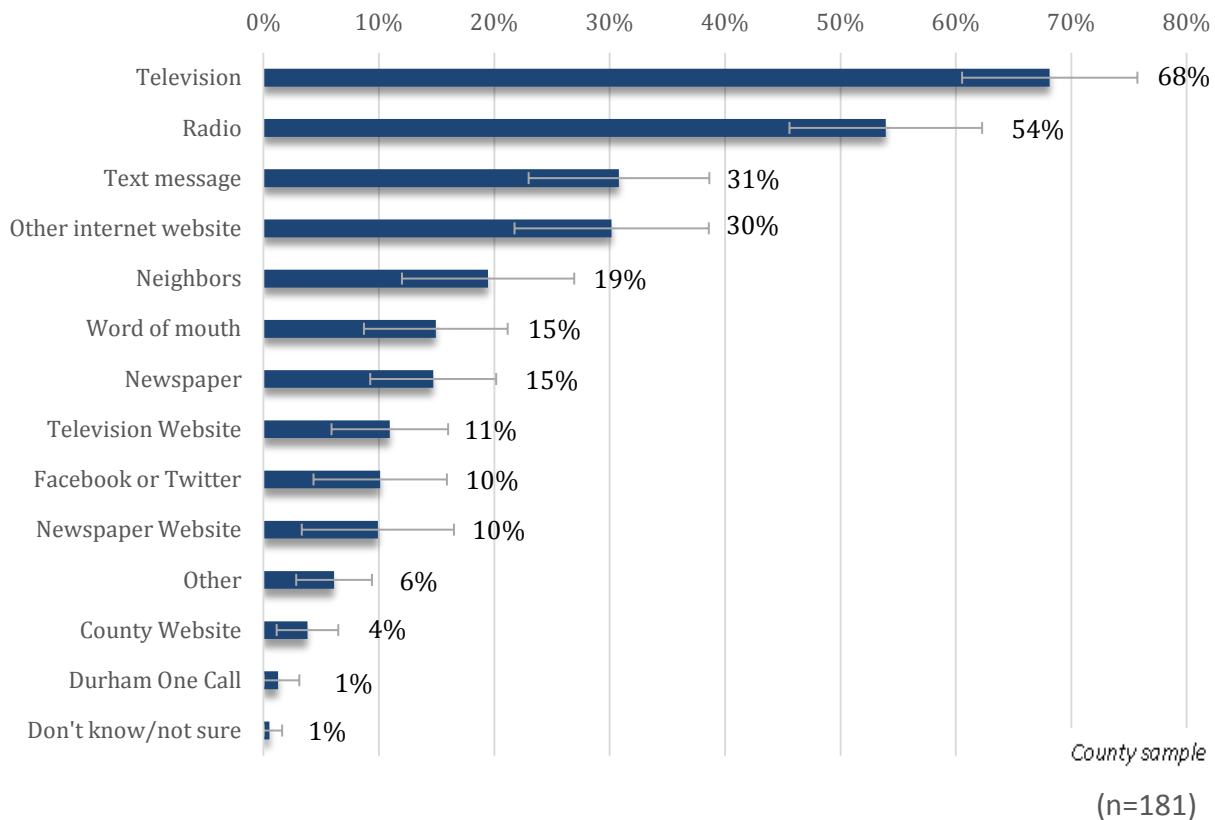
2. Does your family have a basic emergency supply kit and plan? (These kits include water, non-perishable food, any necessary prescriptions, first aid supplies, flashlight and batteries, non-electric can opener, blanket, etc.)



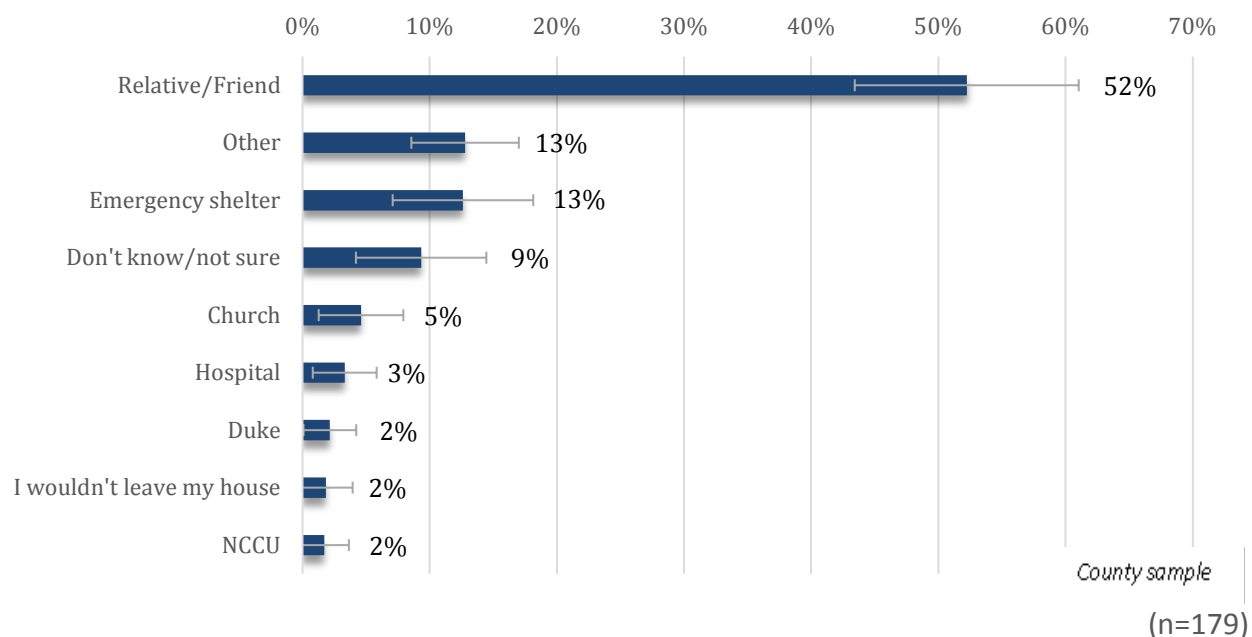
3. If yes, how many days do you have supplies for? (Write # of days)



4. What would be your three top sources of information in a large-scale disaster or emergency? (Check all that apply)

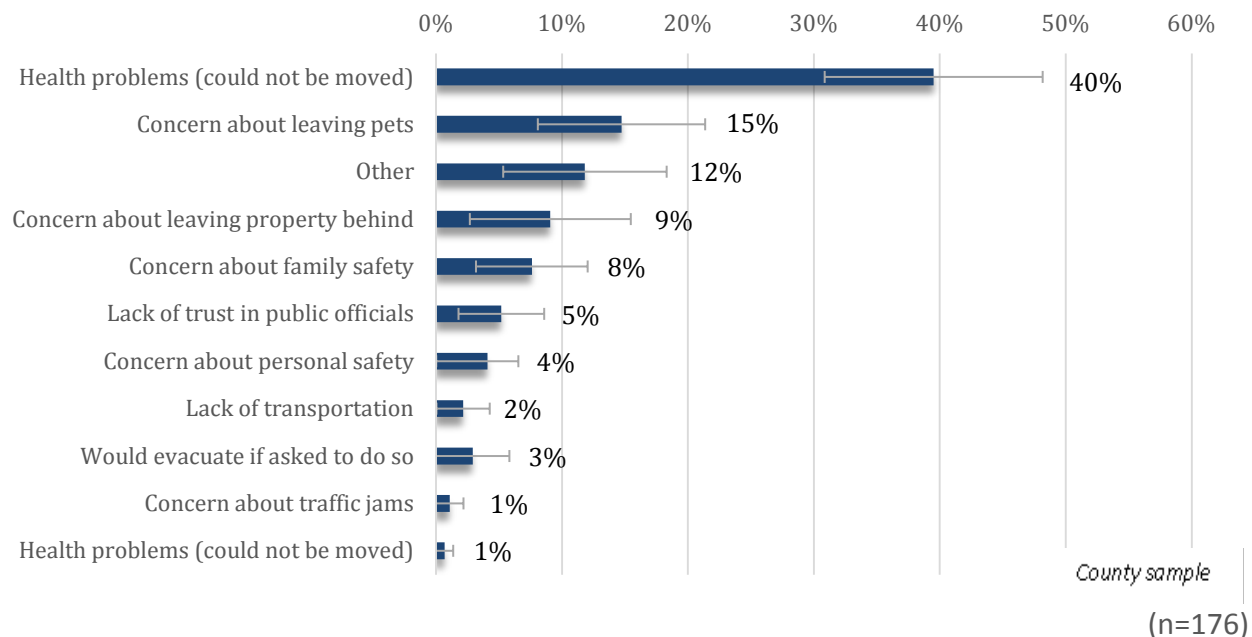


5. If you couldn't remain in your house, where would you go in a community-wide emergency? Choose one.



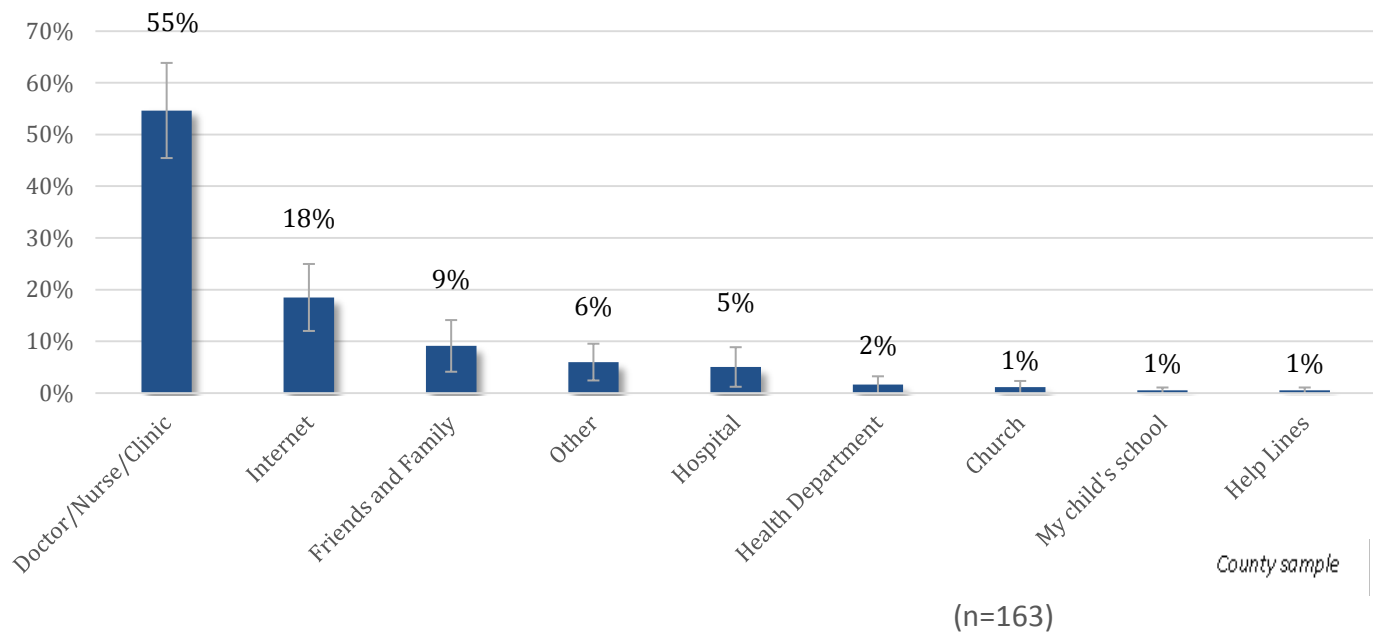
Other for this question includes specific workplaces, the Library, out of town, motel, under car.

6. What would be the main reason you might not evacuate if asked to do so? (Choose one.)

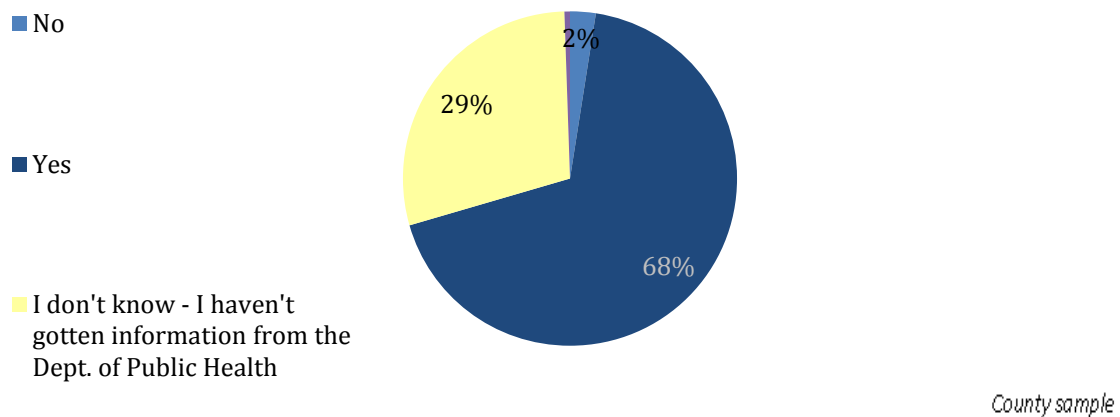


Part 2 Health Information

7. Where do you get most of your health-related information? Please choose only one.



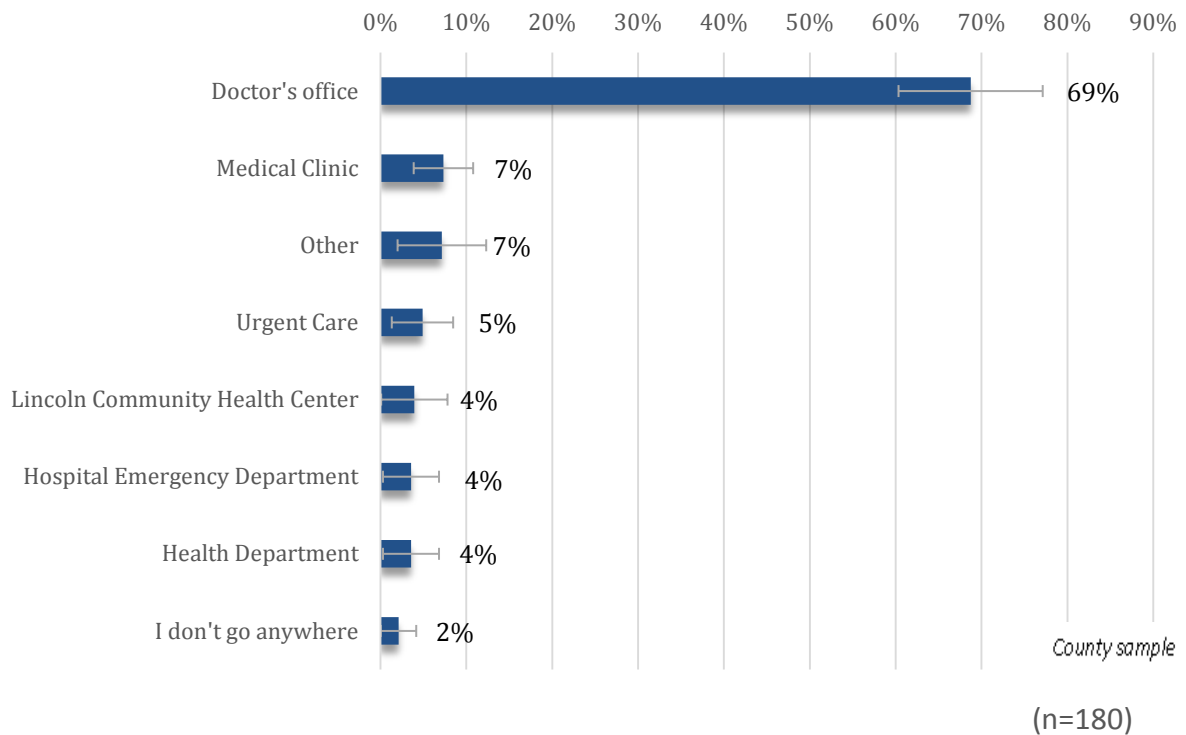
8. Do you think that the Durham County Department of Public Health is a credible source of health information?



(n=179)

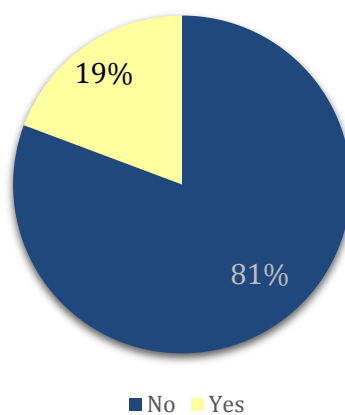
PART 3: Personal Health

9. Where do you go **most often** when you are sick or want to talk to someone about your health? *Check all apply.*



Access to Healthcare:

10. During the past 12 months, was there any time that you did not have any health insurance or coverage?



■ No ■ Yes

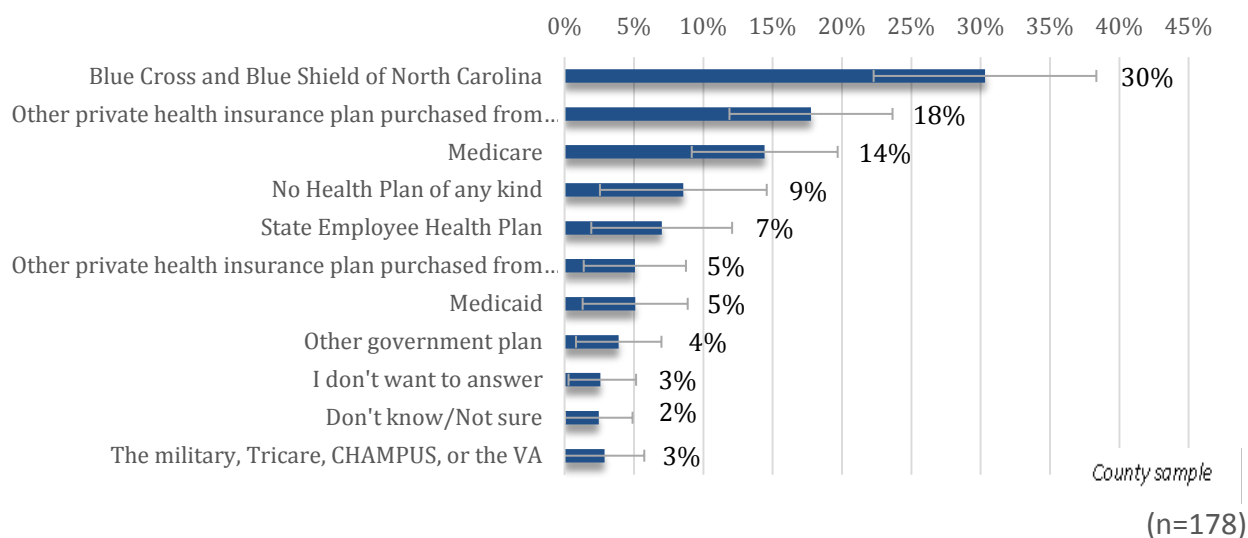
County sample
(n=178)

11. If yes, why did you not have health insurance or coverage?

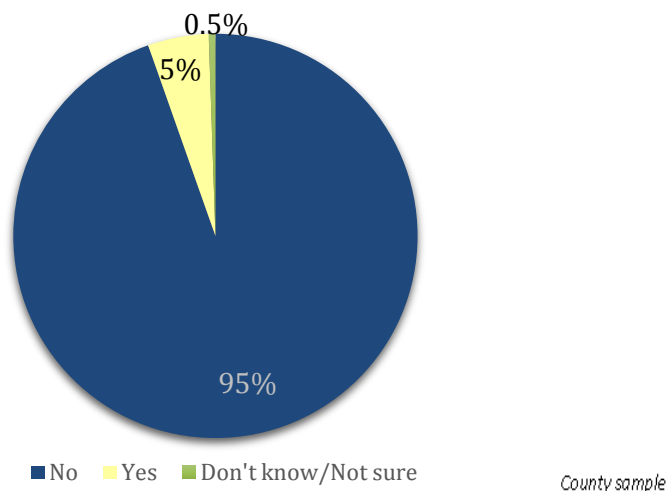
Reasons included: I was unemployed (4%), cost (3%), no reason (2%), no papers, confusion on carriers, it's a process to get health insurance.

(n=25)

12. What is your current primary health insurance plan? This is the plan which pays the medical bills first or pays most of the medical bills? (Please choose only one.)



13. In the past 12 months, did you have a problem getting the health care you needed for you personally or for someone in your household from any type of health care provider, dentist, pharmacy, or other facility?



(n=179)

14. Since you said “yes,” what type of care (provider or facility) did you or people in your household have trouble getting health care from? I will read a list and you can choose as many of these as you need to. (Read Providers.)

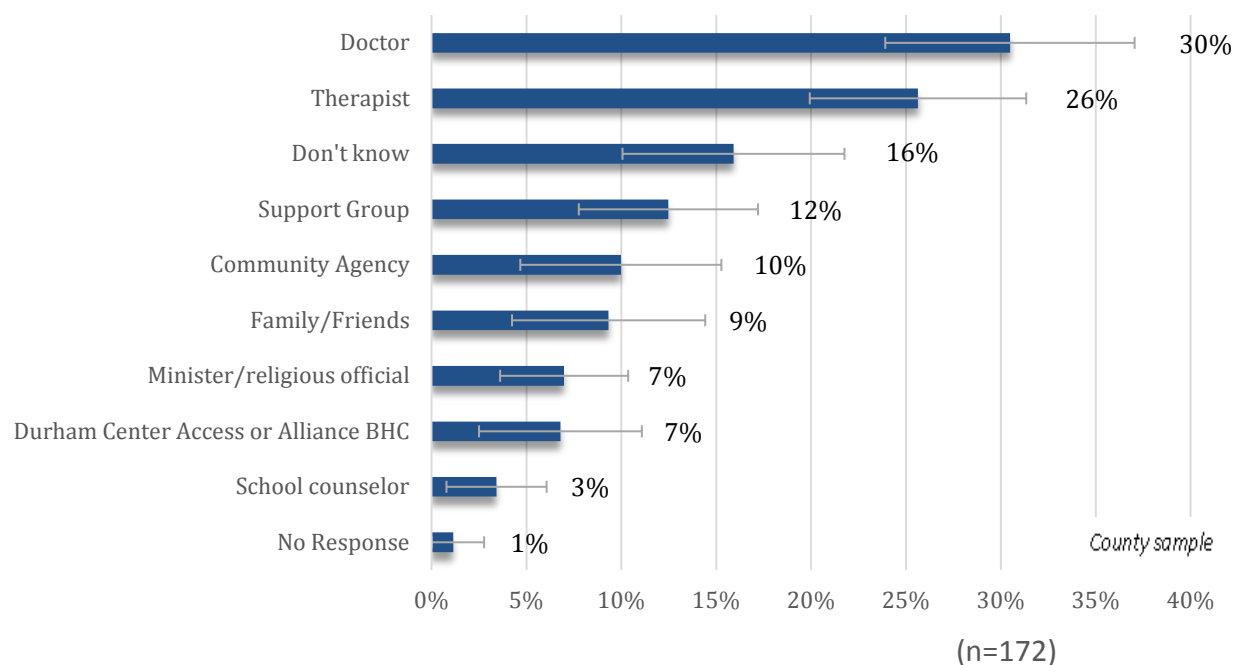
Responses: Dentist (3%), Pharmacy (2%), general (1%), hospital, eye (both <1%).

(n=14)

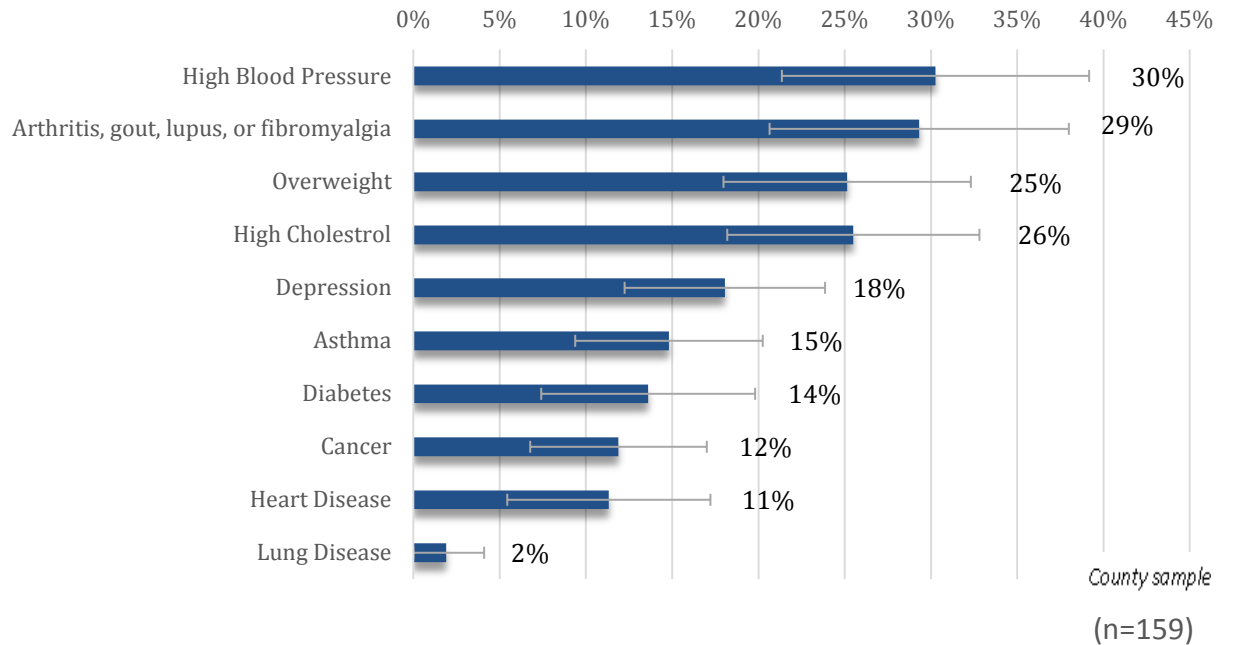
15. What was the problem that prevented you or people in your household from getting the necessary health care?

Responses: No health insurance (3%), no dental insurance (0.5%), I didn’t have insurance coverage for my problem (0.5%)

16. If you or a friend or family member needed counseling for a mental health or a drug/alcohol abuse problem, who would you tell them to call or talk to? You can choose as many as you want. Read responses. Which do you think you would choose?

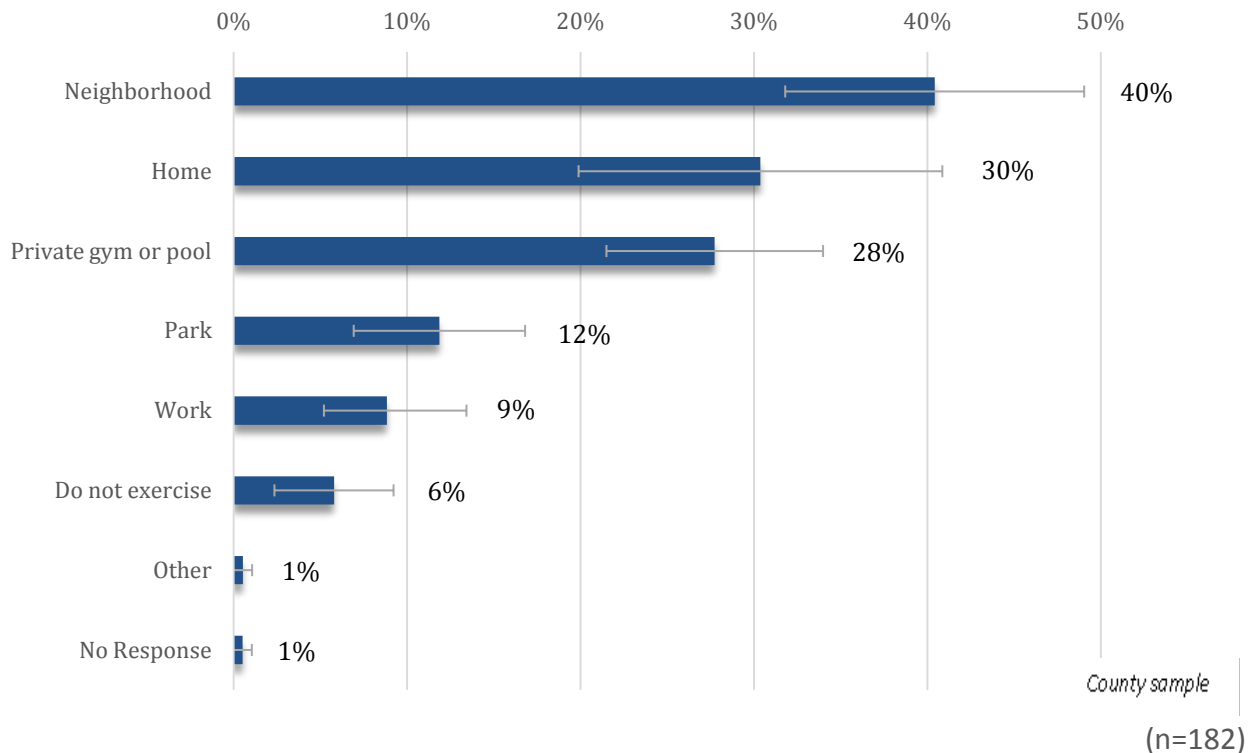


17. Have you ever been told by a doctor, nurse, or other health professional that you have any of the health conditions I am going to read?



Exercise:

18. Where do you go to exercise or engage in physical activity? *Check all that apply.*

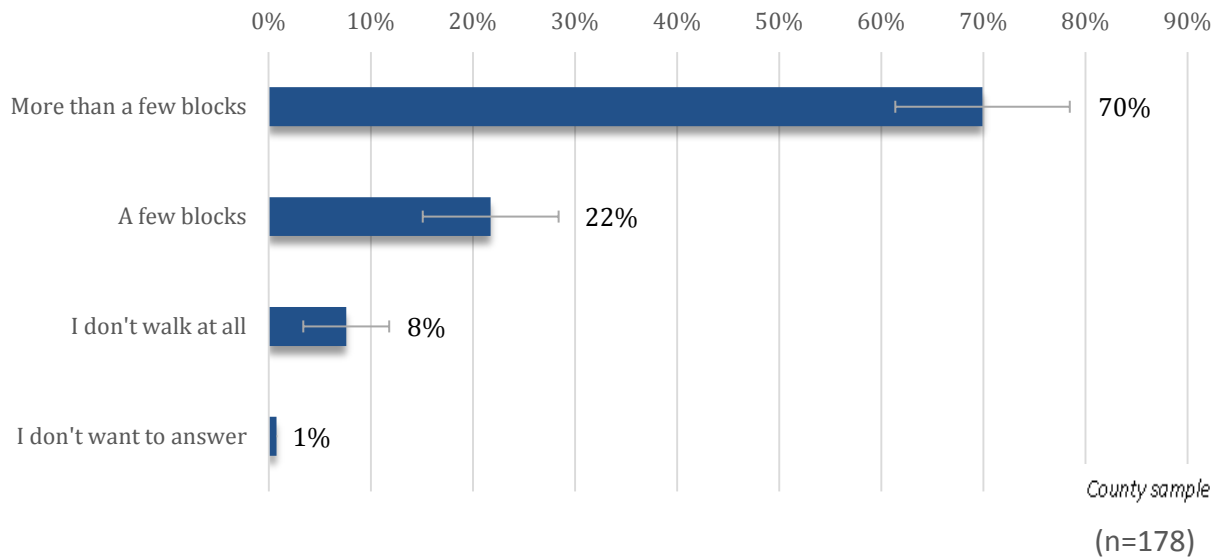


19. If you said “I don’t exercise”, what are the reasons you don’t exercise during a normal week? You can give as many of these reasons as you need to.

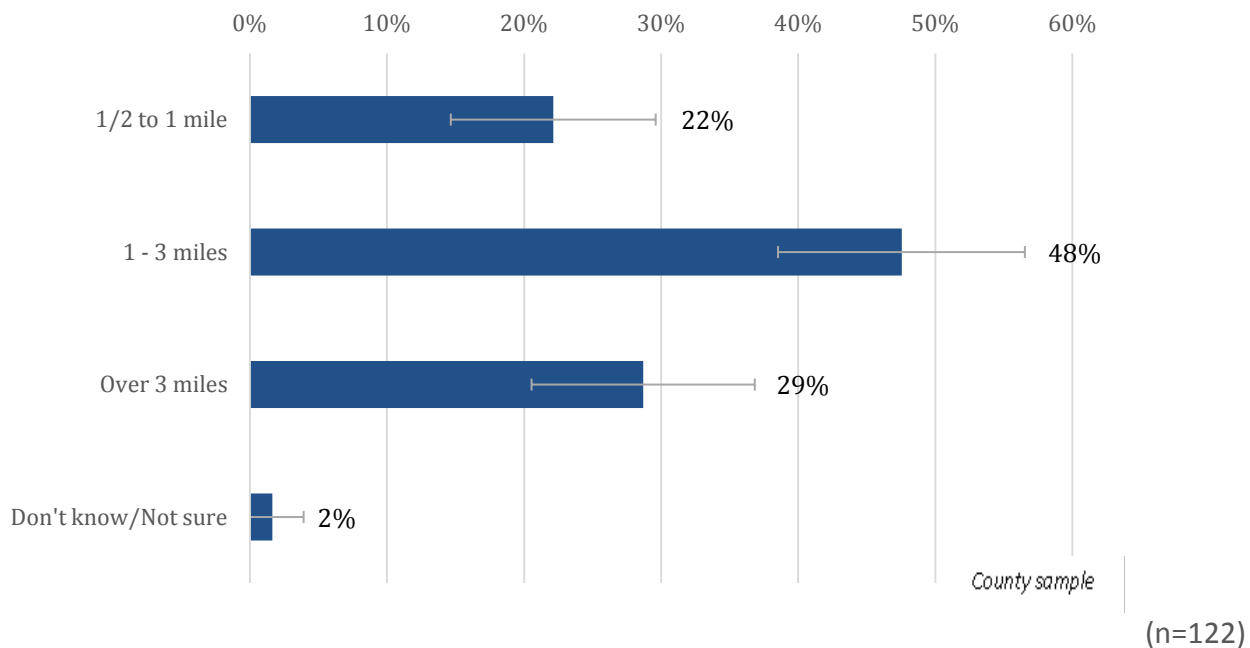
Reasons: There is no safe place to exercise (1%), not enough time (1%), I don’t like to exercise, no access to a facility, I’m disabled, I’m embarrassed (all <0.5%).

(n=7)

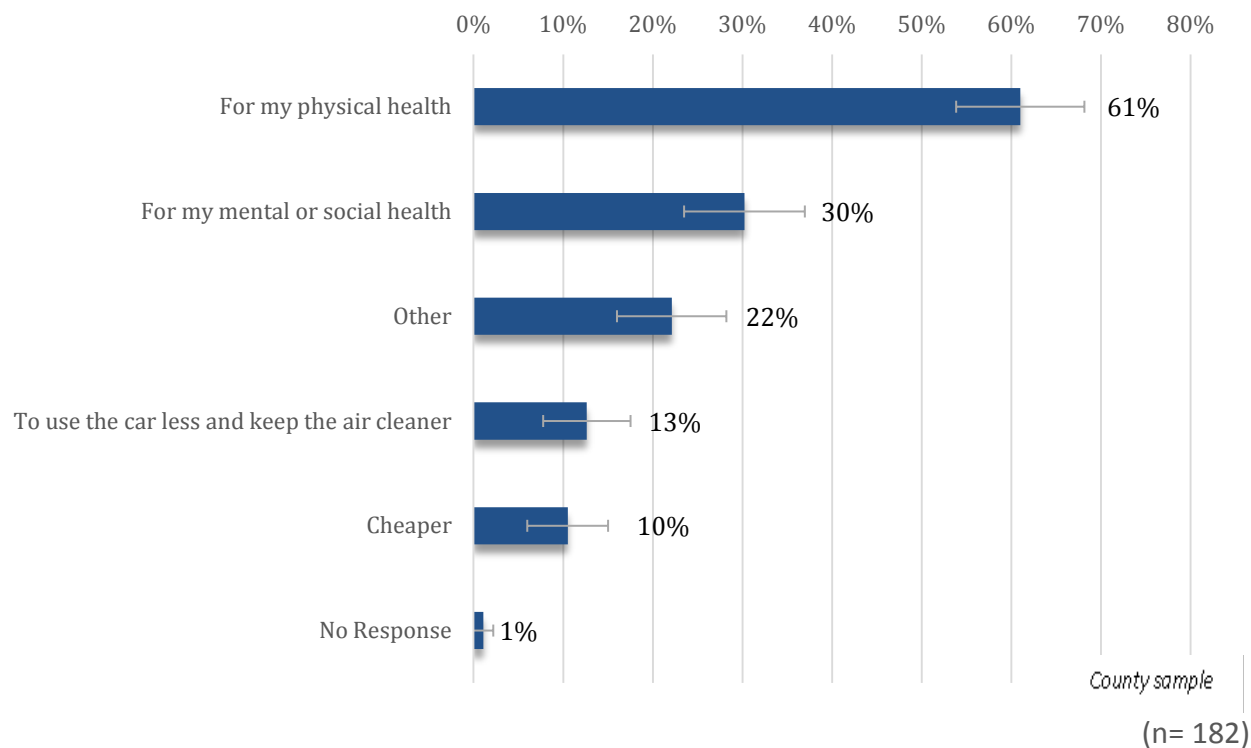
There are many different ways to exercise or get physical activity. For the next set of questions, we are only interested in walking and biking. On a typical day, how much do you walk?



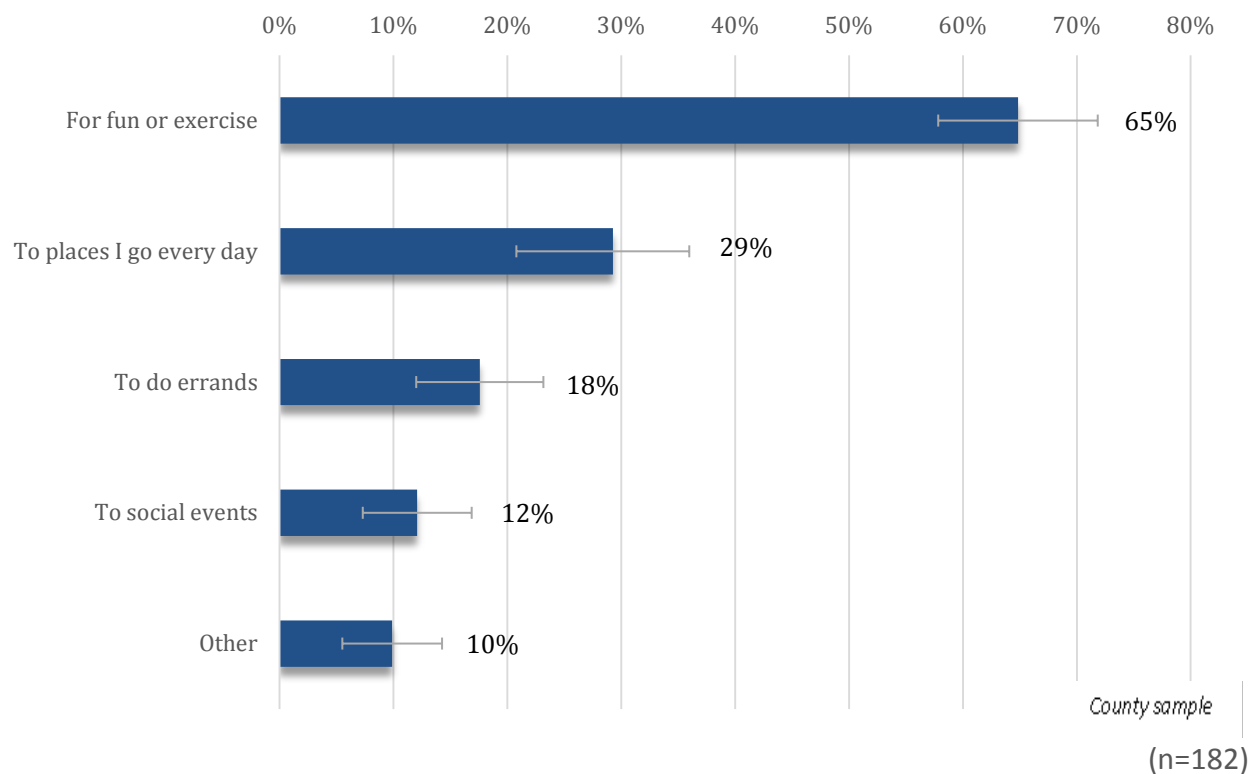
20. How far do you walk each day in miles?



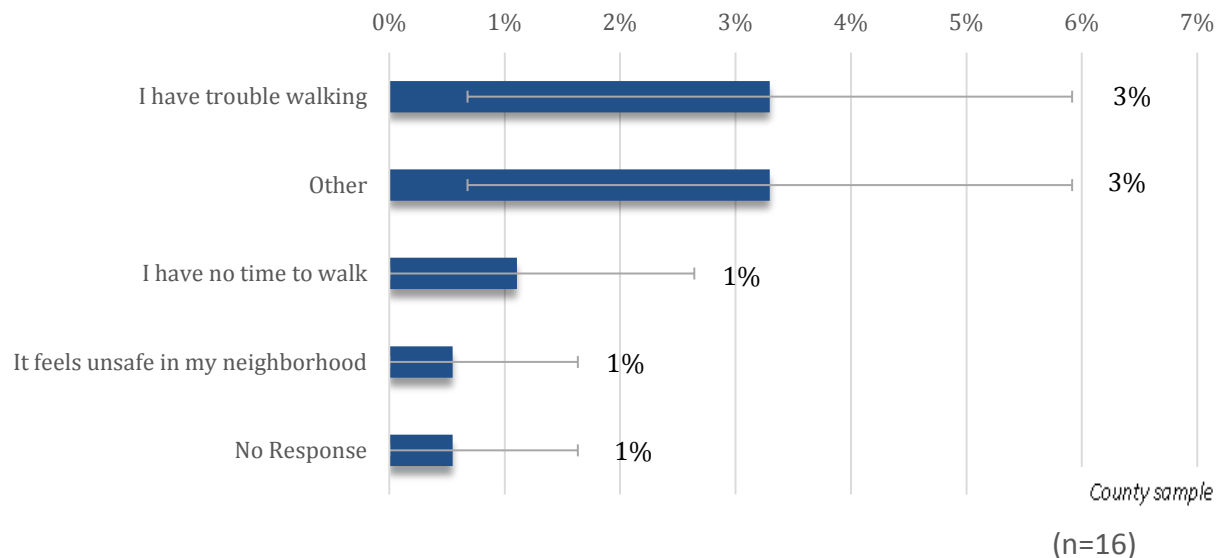
21. Why do you walk? (Read responses and check all that apply)



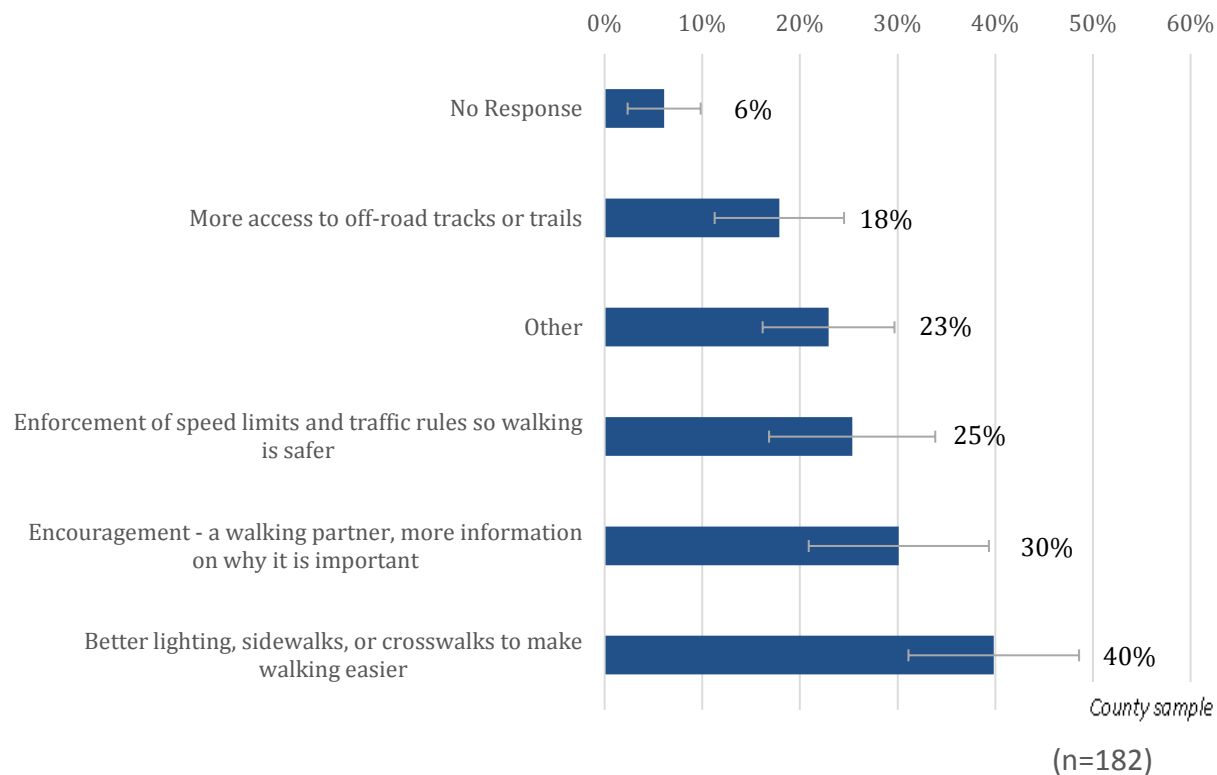
22. Where do you walk? (Read responses and check all that apply)



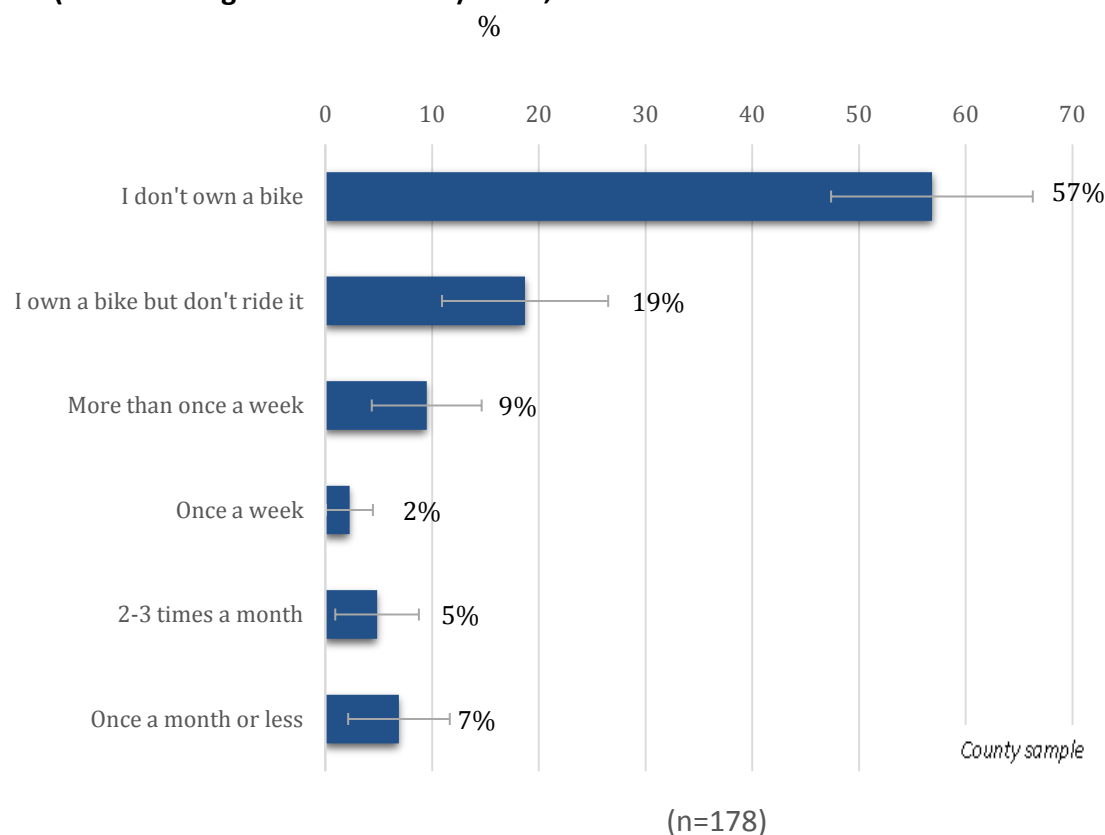
23. If you do not walk very much currently, why not? (check all that apply)



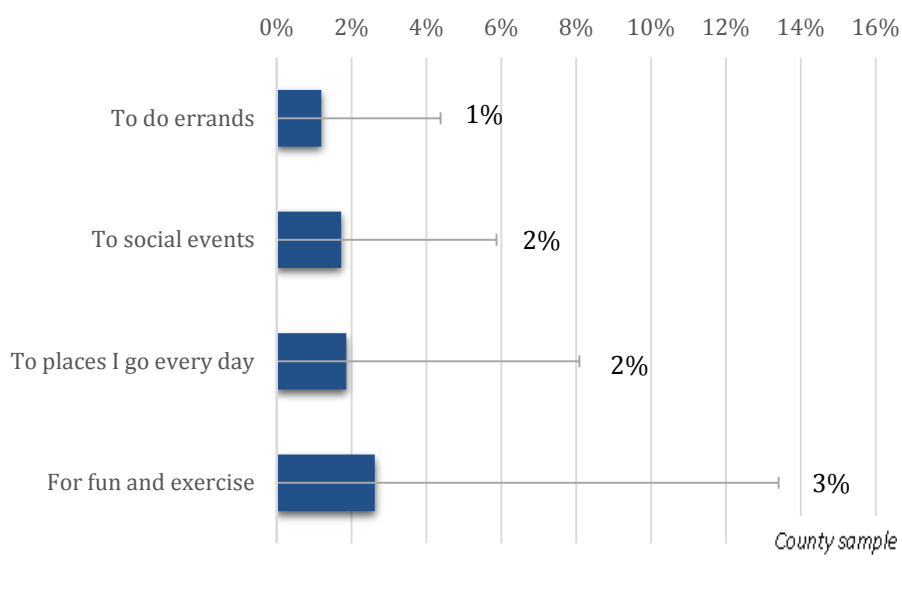
24. Whether you currently walk or not, what would make you want to walk more? (check all that apply)



25. Do you ride a bike (not including an exercise bike)? If so, how often?

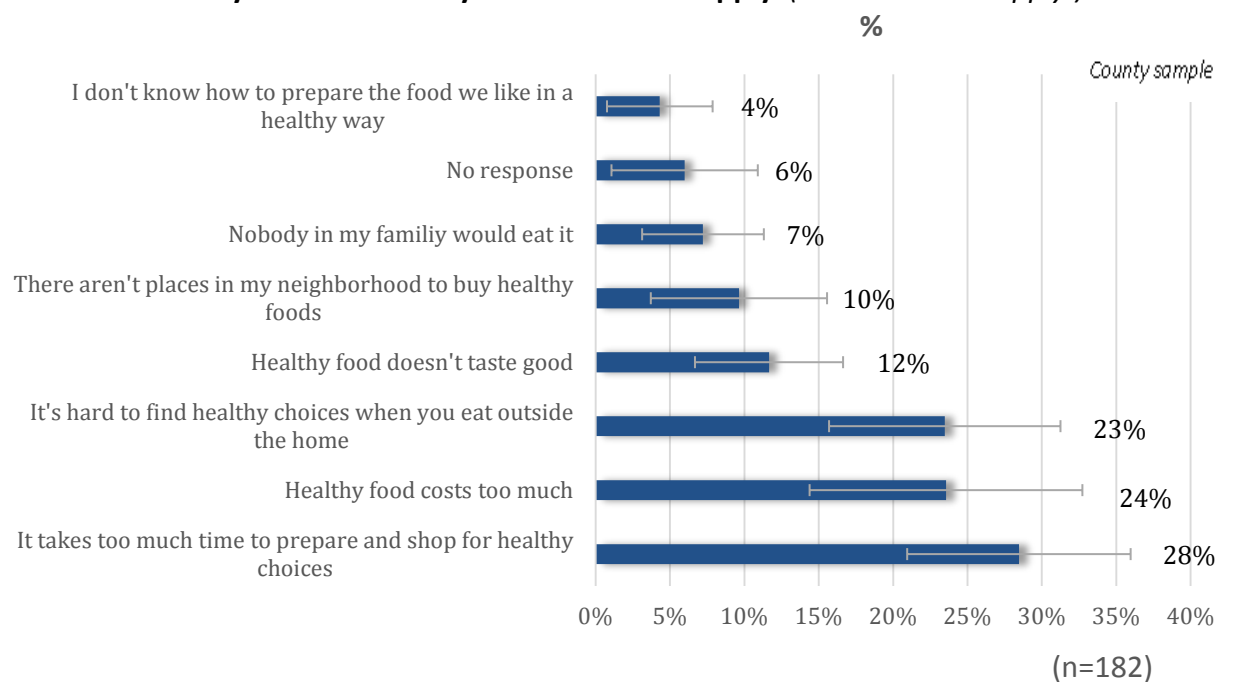


26. When you do ride your bike, where do you go? (Check and answer all that apply)

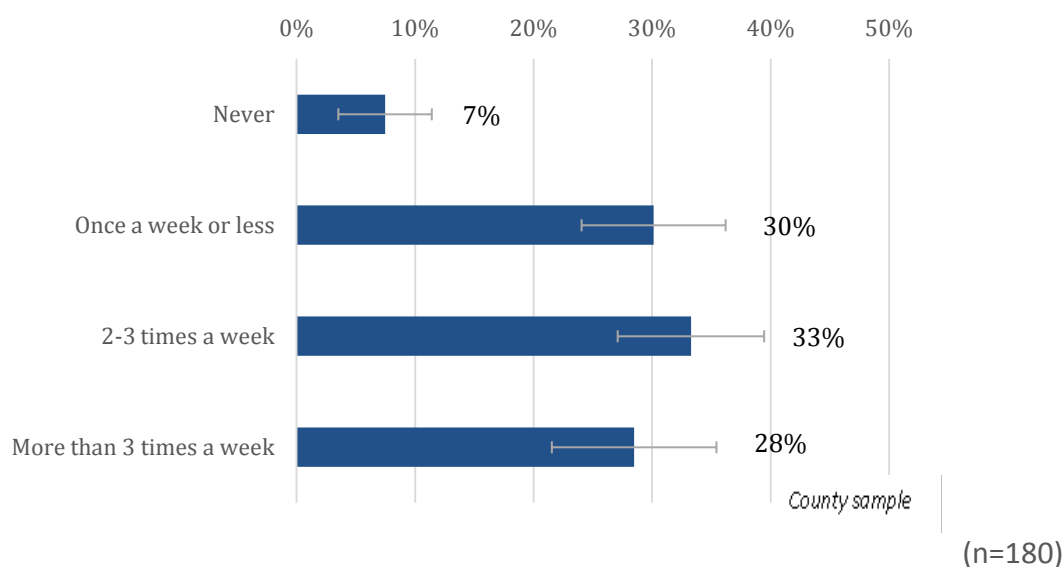


Diet:

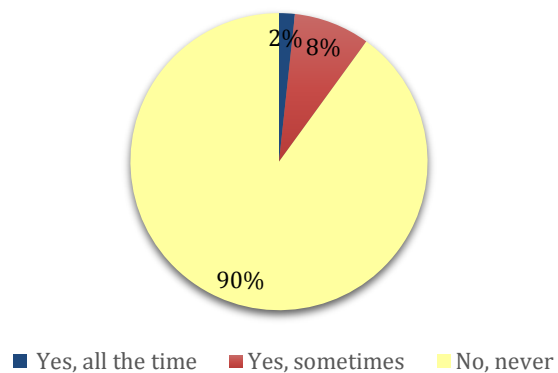
27. Most of us don't eat healthy all the time. When you aren't eating a healthy diet, what do you think makes it hard for you to eat healthy? Tell me all that apply. (choose all that apply.)



28. Thinking about breakfast, lunch, and dinner, how many times in a typical week do you eat meals that were not prepared at home, like from restaurants, cafeterias, or fast food?



29. In the last 12 months, did you ever cut the size of your meals or skip meals because there wasn't enough money for food? (Read answer choices.)

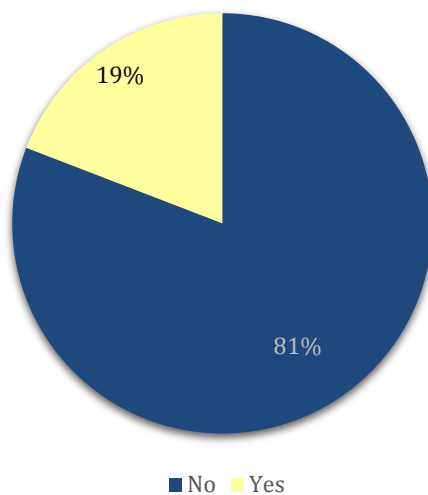


County sample

(N = 179)

Smoking:

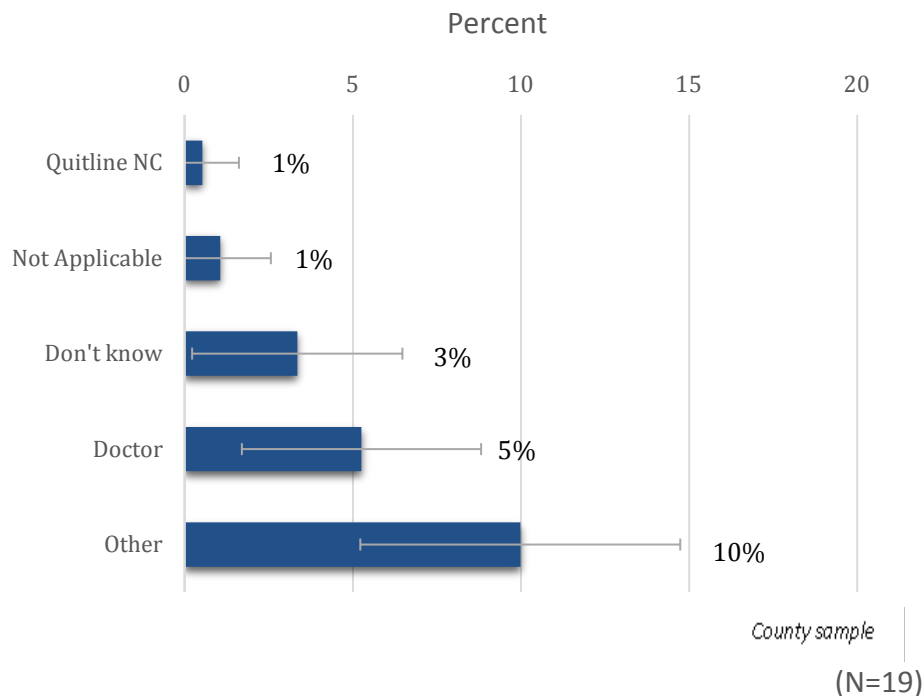
30. Do you currently smoke?



County sample

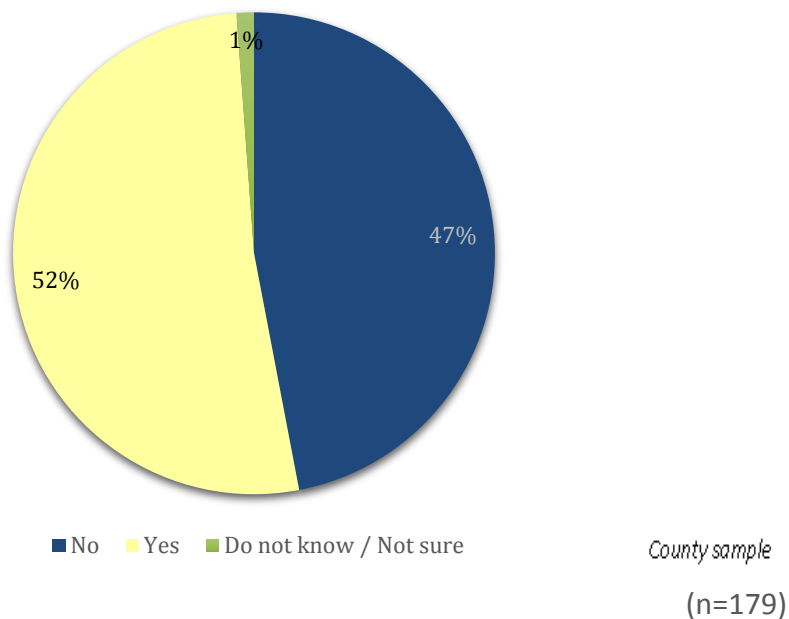
(n = 180)

31. If yes, where would you go for help if you wanted to quit? (Check all that apply.)

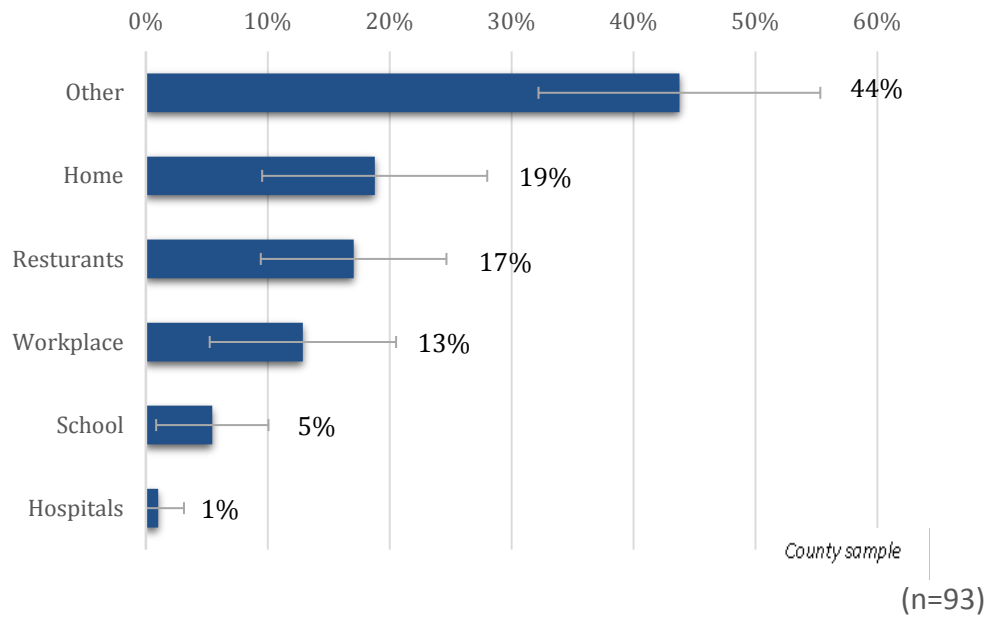


Other for this question includes one response each for private counselor, therapist, Department of Public Health, and church.

32. Have you been exposed to secondhand smoke in Durham County in the past year?

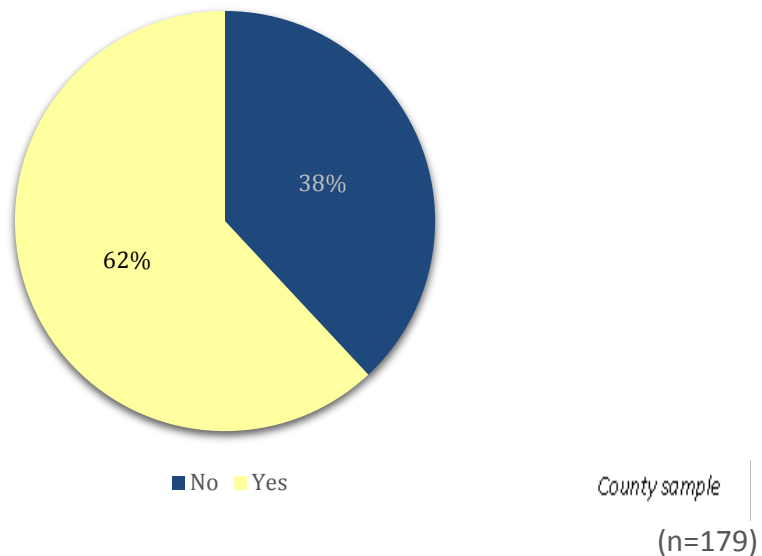


33. If yes, where do you think you are exposed to secondhand smoke most often? (Choose one)



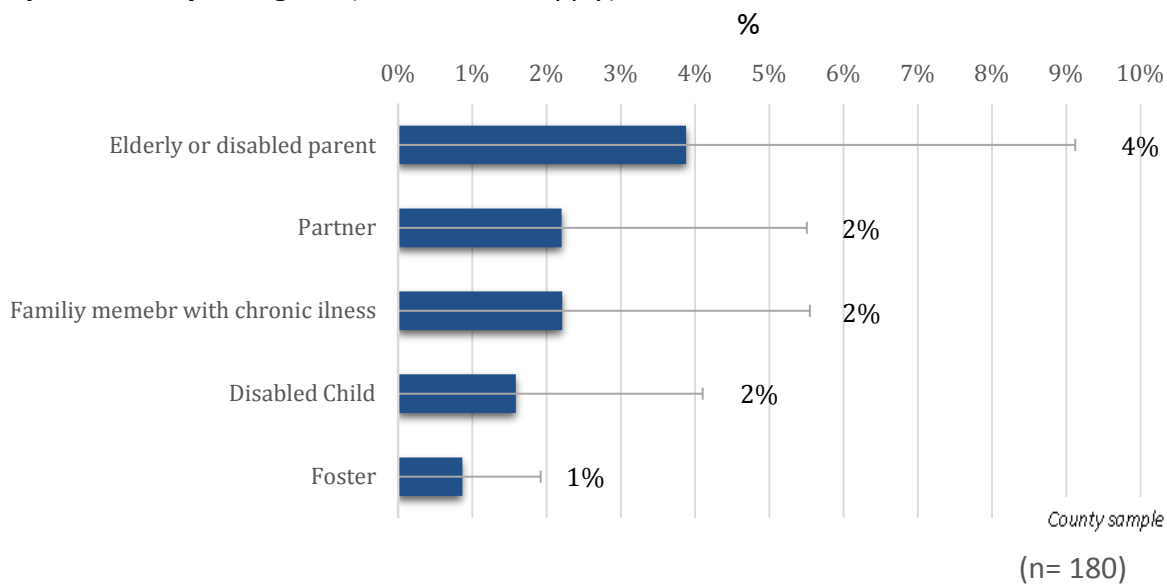
For this question, “Other” included: Public places (parks, neighborhoods, malls; 15%), family and friends (10%), in cars (10%), and in bars (9%).

34. Are you aware that Durham has a Smoking Rule that does not allow smoking in outdoor public spaces such as parks, county government properties, certain sidewalks and bus stops?

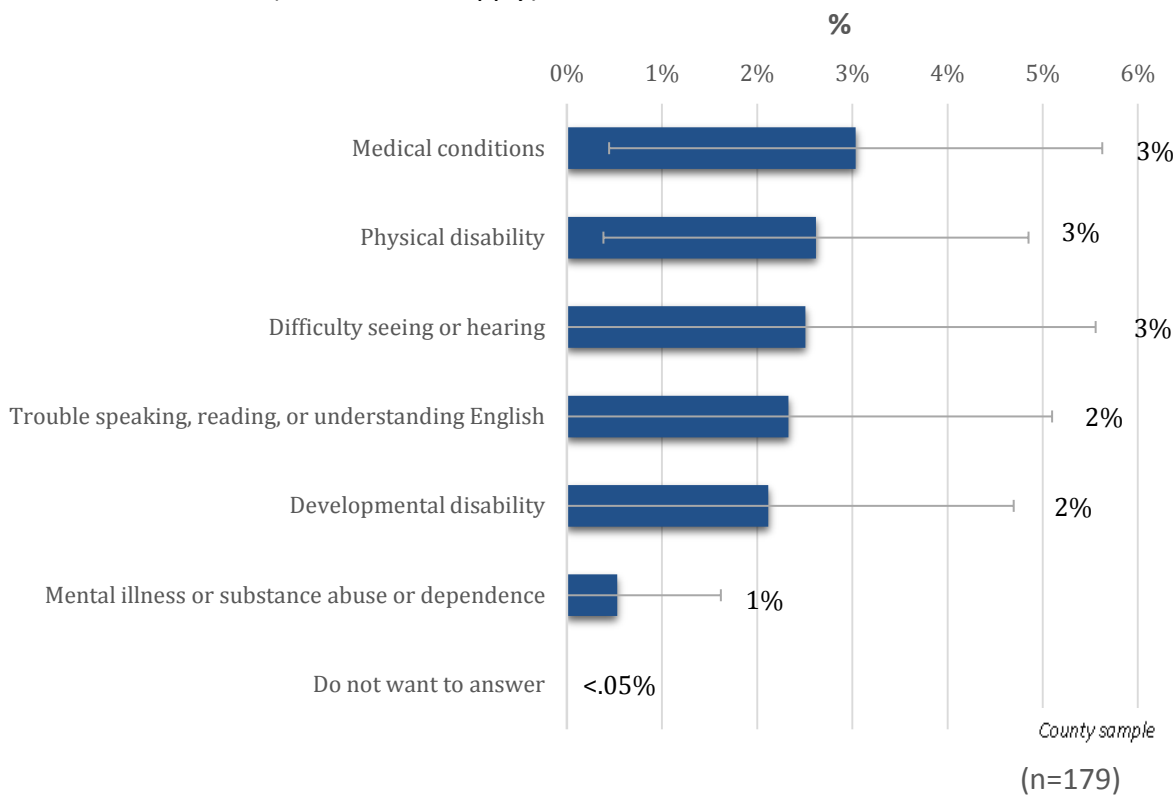


Household:

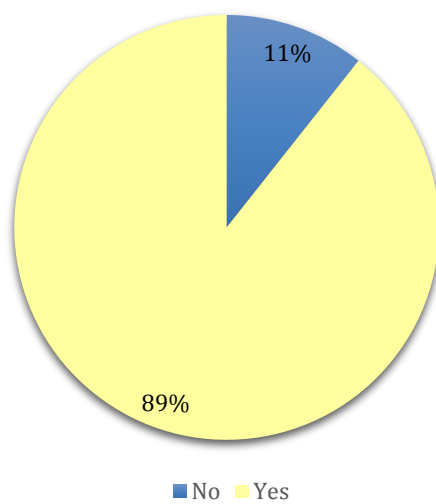
35. Are you currently caring for: (check all that apply)



36. Does anyone in your household, including yourself, need support to be independent in daily activities because of a: (check all that apply)

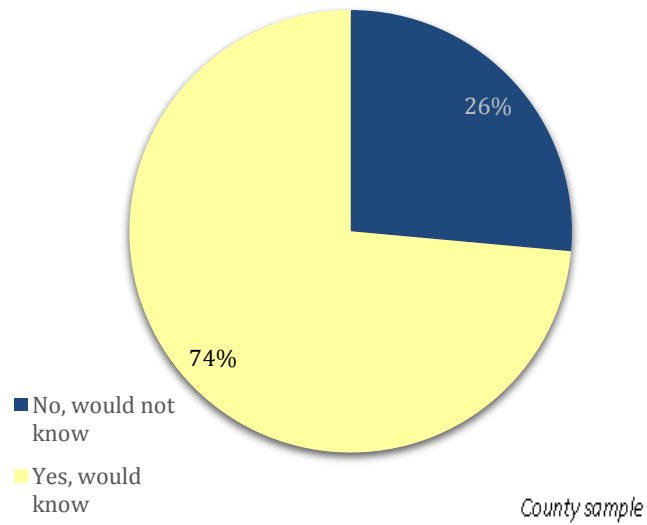


37. Do you have access to the Internet?



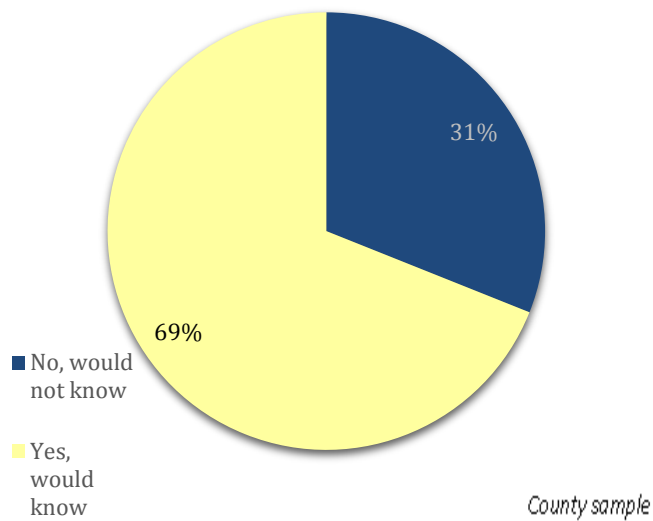
County sample
(n= 174)

38. Do you feel like you know what City or County agencies to approach if you have problems with your house or household services (for example, your sewer, building code, or personal rights)?



(n = 178)

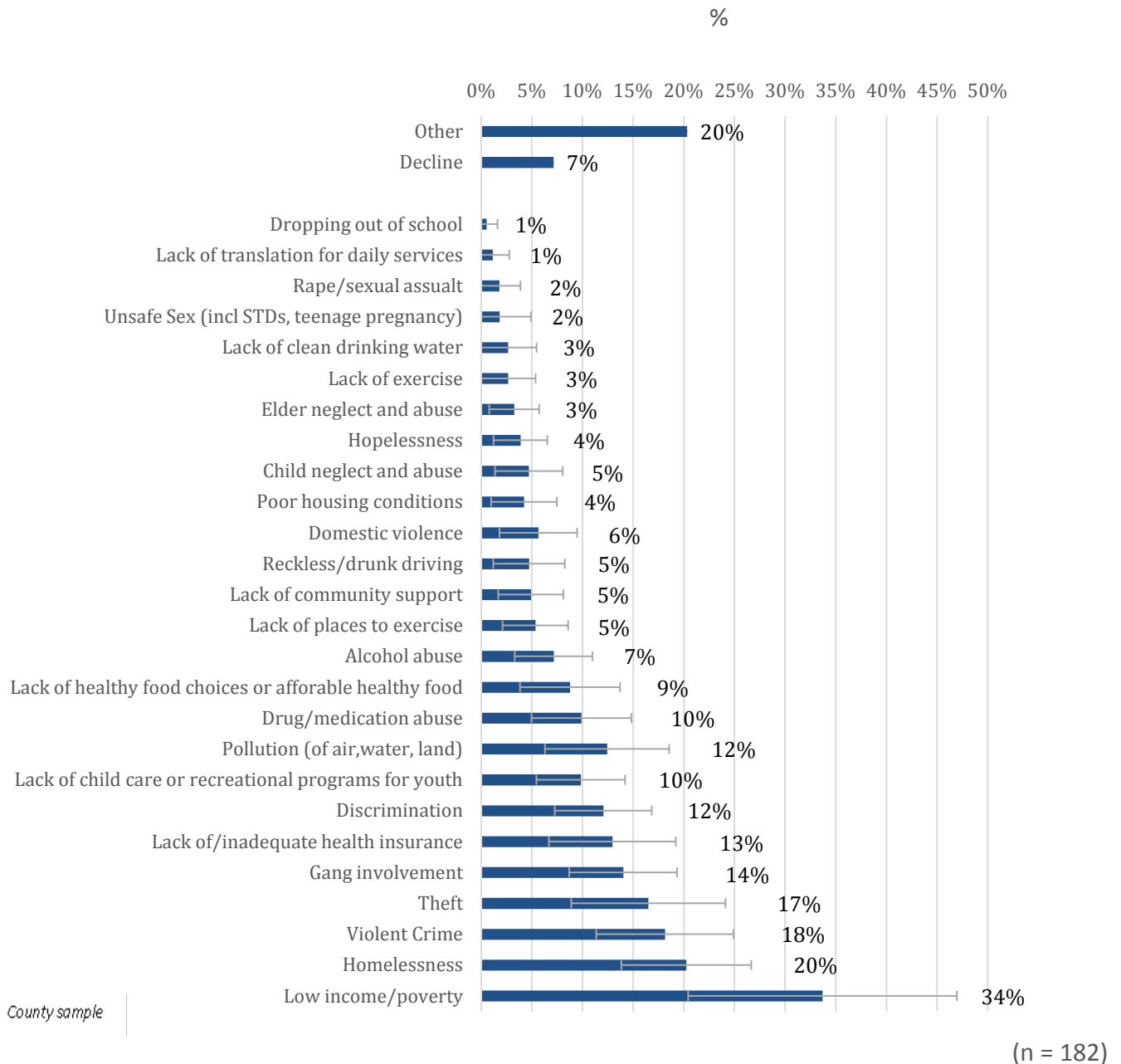
39. Do you feel like you know what City or County agencies to approach if you have problems in your neighborhood (for example, with your sidewalk, roads, or neighborhood disputes).



(n = 177)

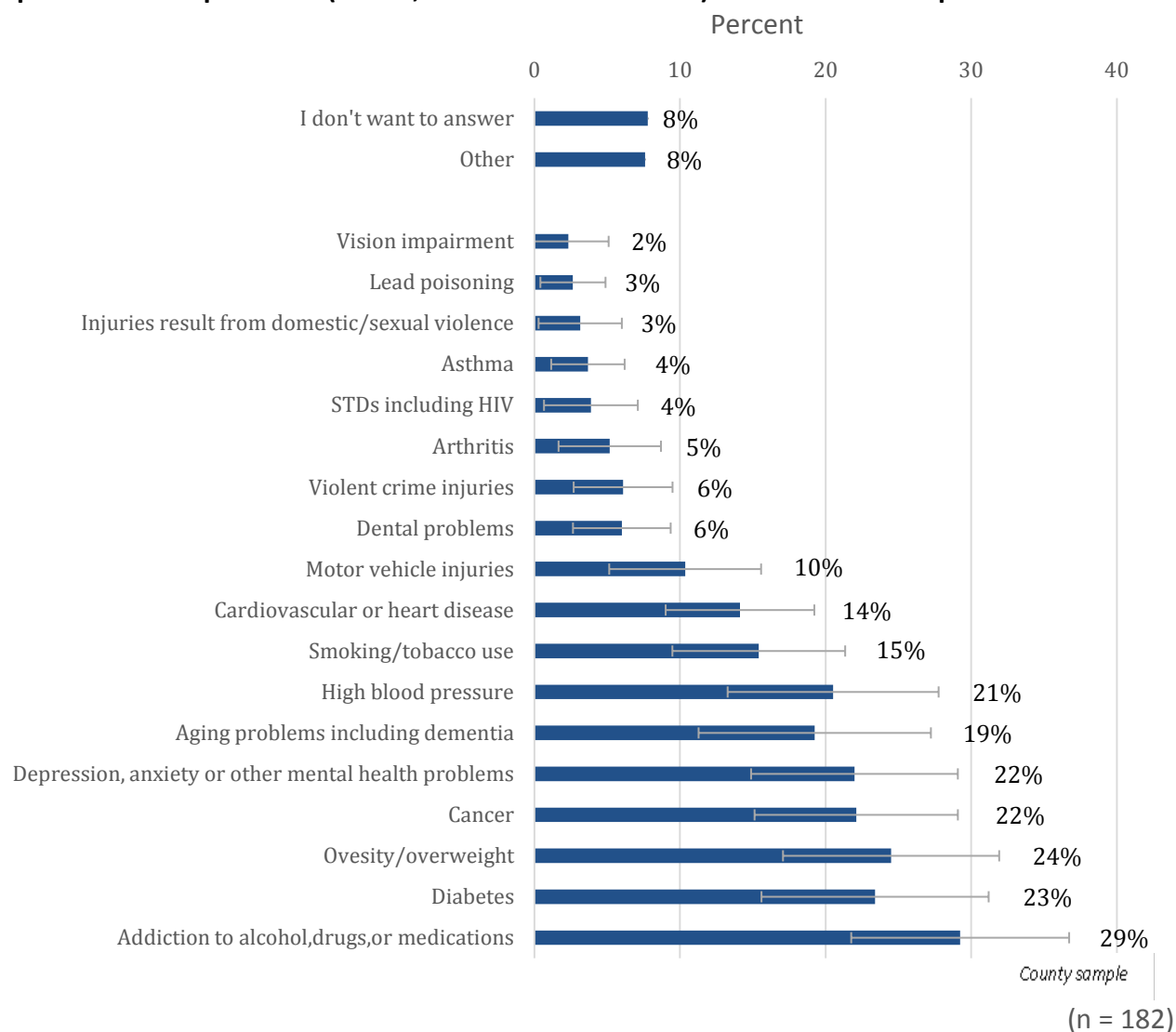
PART 4: Community Improvement

40. Keeping in mind yourself and the people in your neighborhood, tell me the community issues that have the greatest effect on quality of life in Durham County. Please choose up to 3. Remember this is your opinion and your choices will not be linked to you in any way.



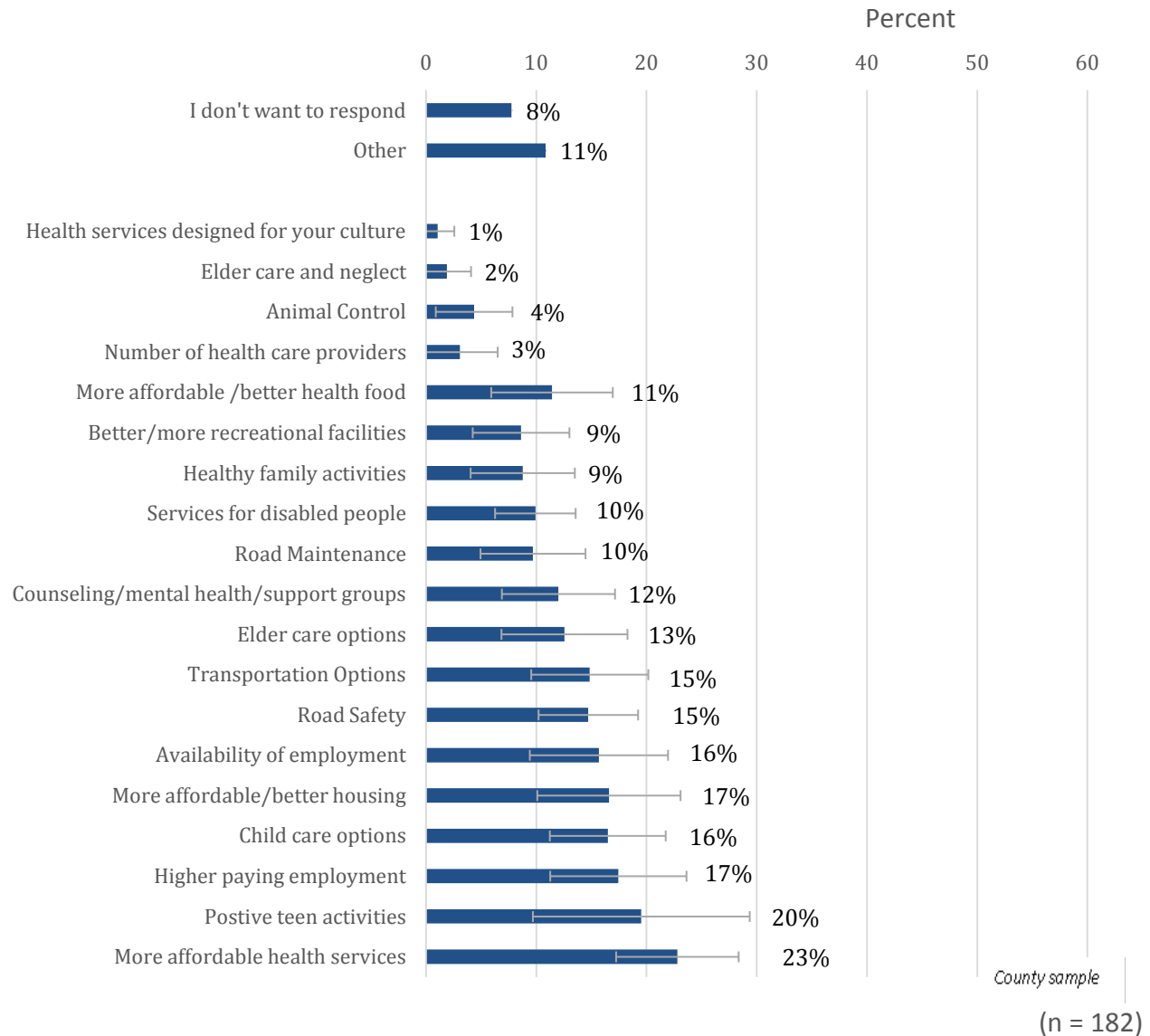
Other includes: Can't identify a problem (9%), lack of expectations for youth, animal control, awareness of biking, guns, lack of facilities for exercise, uncontrolled traffic, public schools, selling drugs, taxes, potential for crime, safety, parks connected to city housing, dog attacks (one response each).

41. Keeping in mind yourself and the people in your neighborhood, I would like for you to name the most important health problems (that is, diseases or conditions). You can choose up to 3.



Other includes: Don't know (5%), doctor giving prescriptions with contraindications, driving distractions, health problems arising from pollution, metabolic syndrome, people selling drugs, old age (one response each).

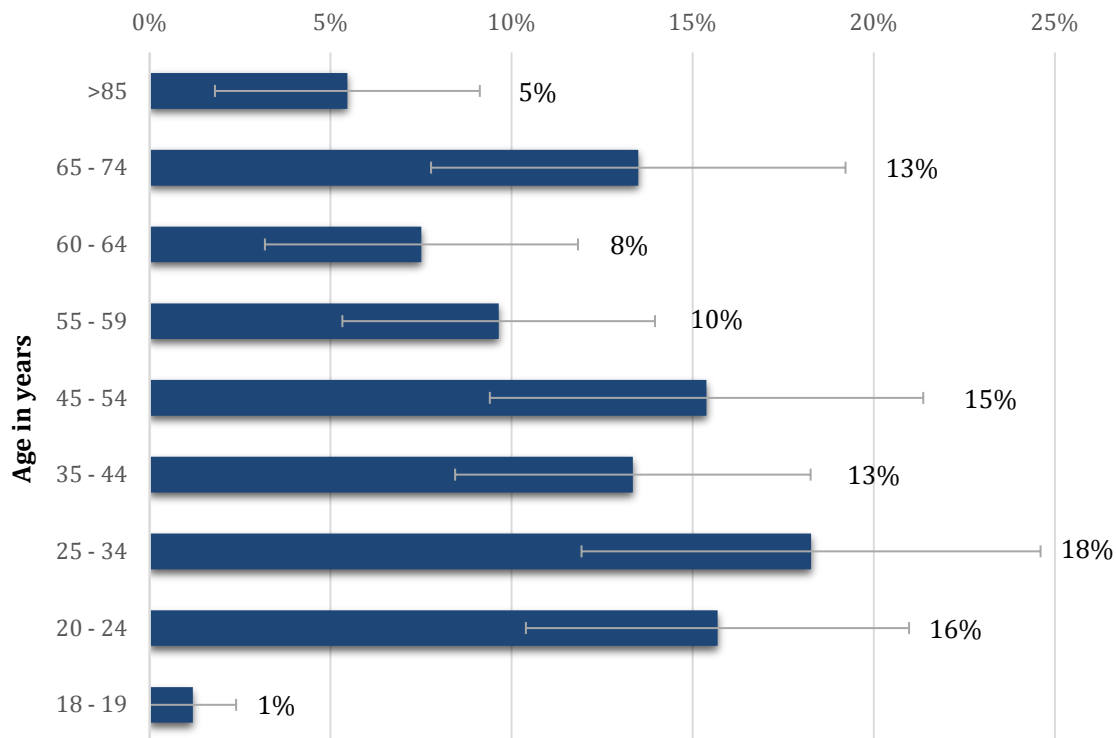
42. In your opinion, which one of the following services needs the most improvement in your neighborhood or community? (Please choose up to three.) If there is a service that you think needs improvement that is not on this list, please let me know and I will write it in.



Other includes: None (3%), wildlife control, trail safety, parents being more responsible for their own children, more wild areas where people live, domestic violence, crime control, community involvement, adult education, addiction services (one response each).

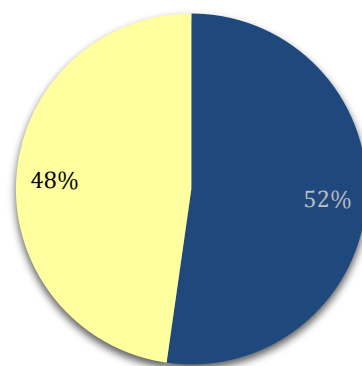
Part 5. Demographic Questions

43. Age of survey respondent



(n= 174)

44. What is your gender?

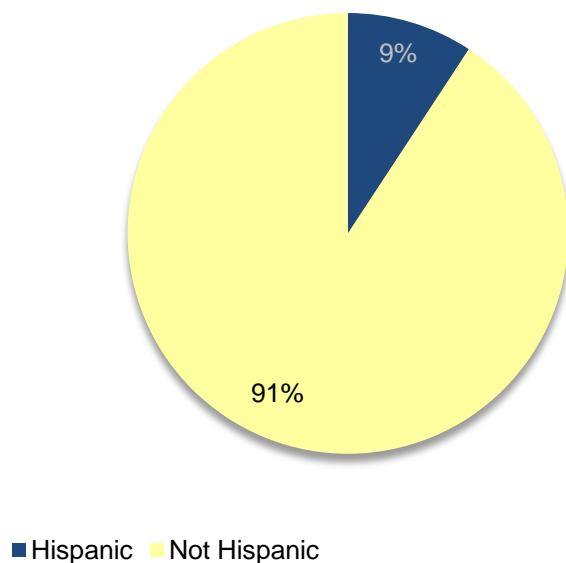


■ Women ■ Men

County sample

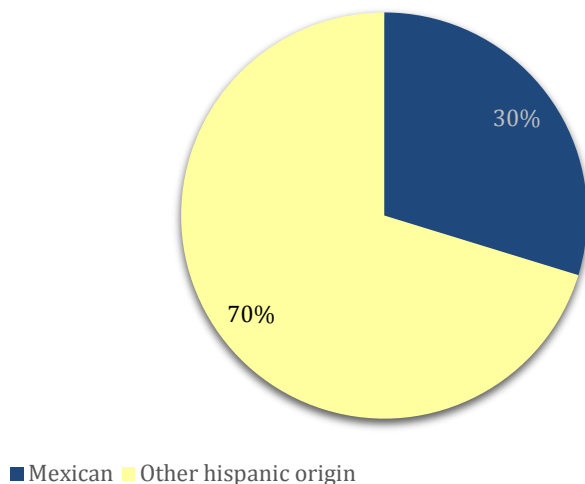
(n=180)

Are you of Hispanic, Latino, or Spanish origin?



County sample (n=175)

45. If yes, are you: (Check all that apply)



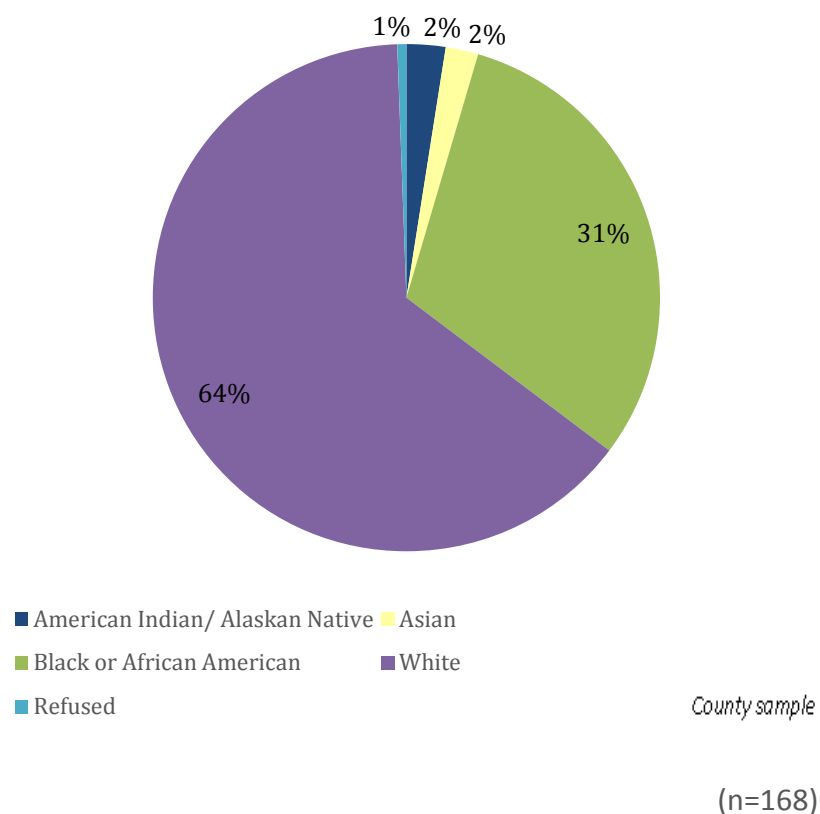
County sample

(n= 16)

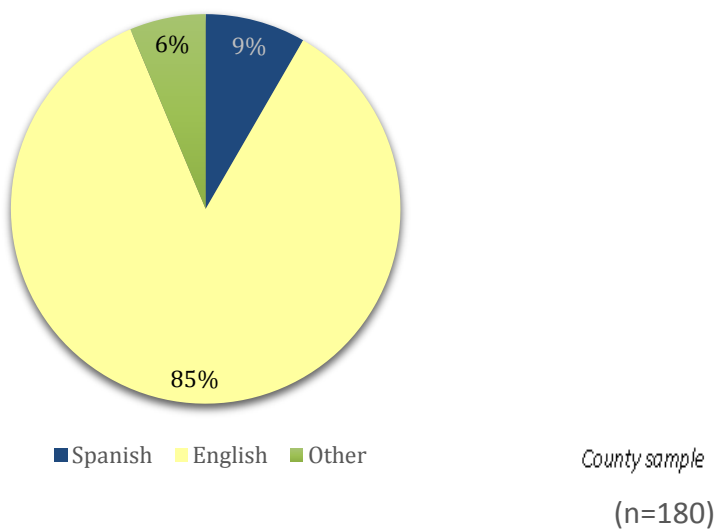
“Other Hispanic Origin” included two people from Honduras, 2 from El Salvador, and one each from Brazil, Guatemala, and “the Caribbean”.

46. What is your race? Please choose all that apply.

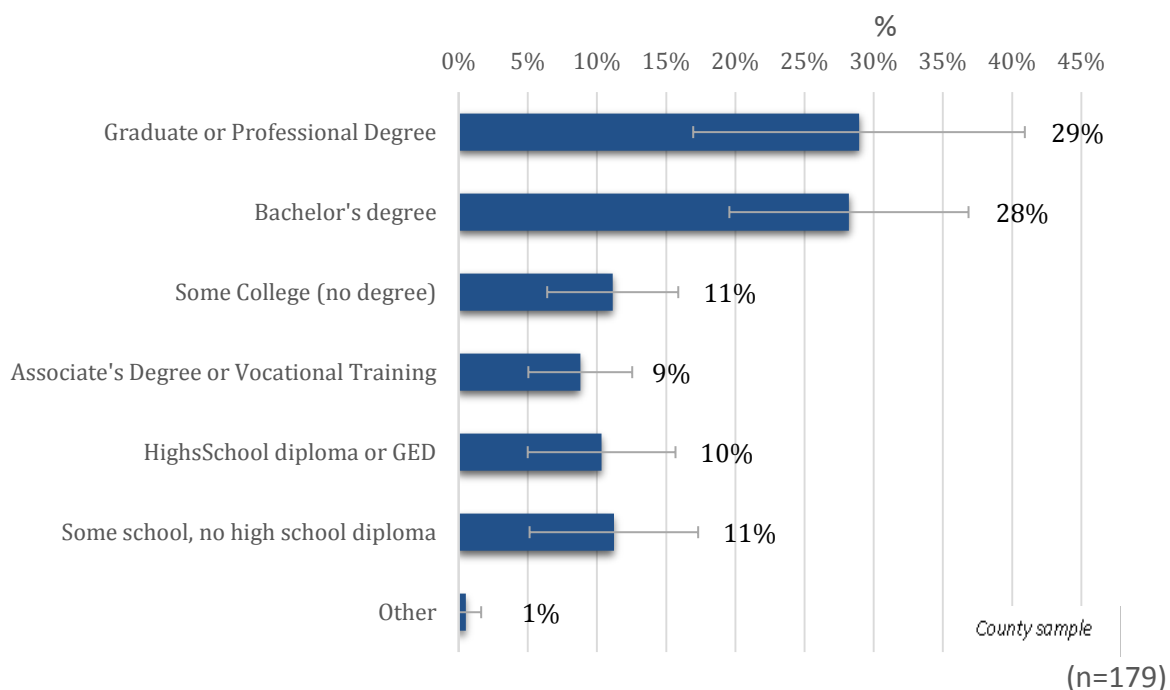
County residents identifying themselves as “Hispanic or Latino” also gave “Latino” or their country of origin as their race, so these residents are excluded from this analysis.



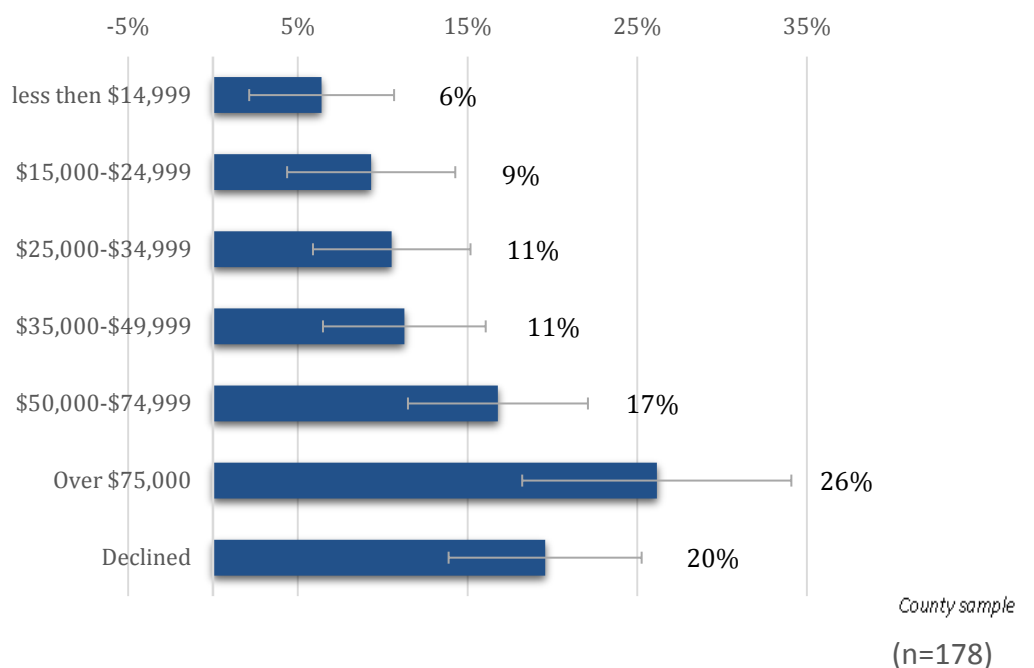
47. What languages do you speak at home? (Check all that apply)



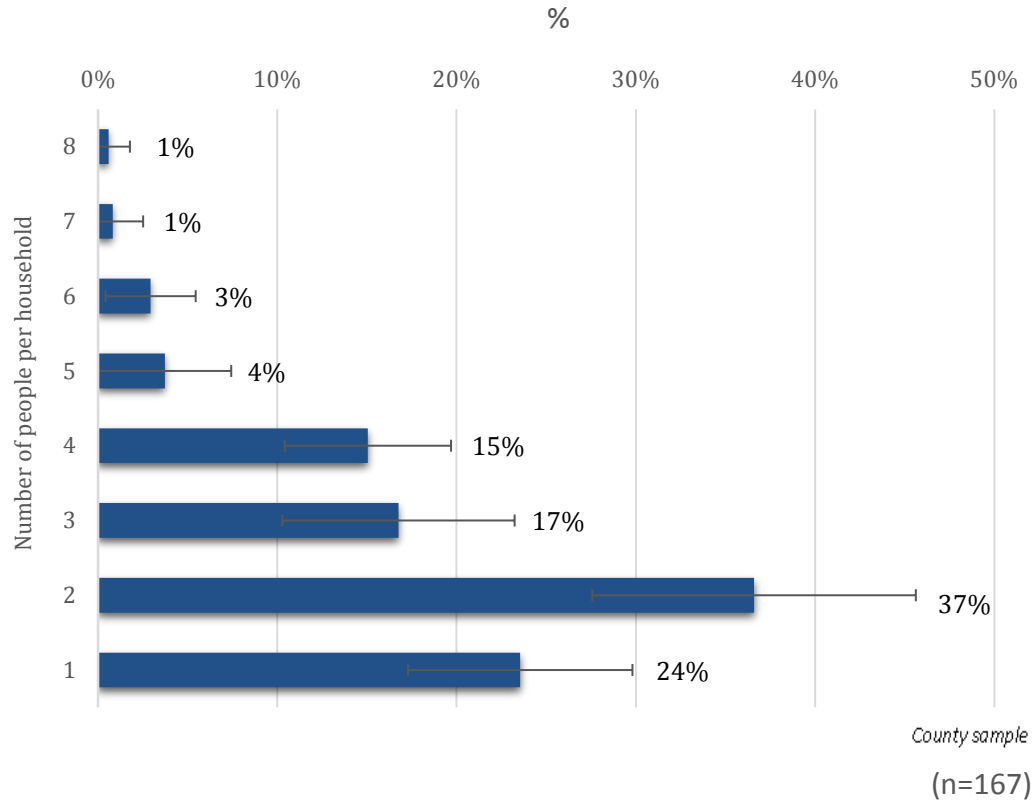
48. What is the highest level of school, college or vocational training that you have finished? (Choose one.)



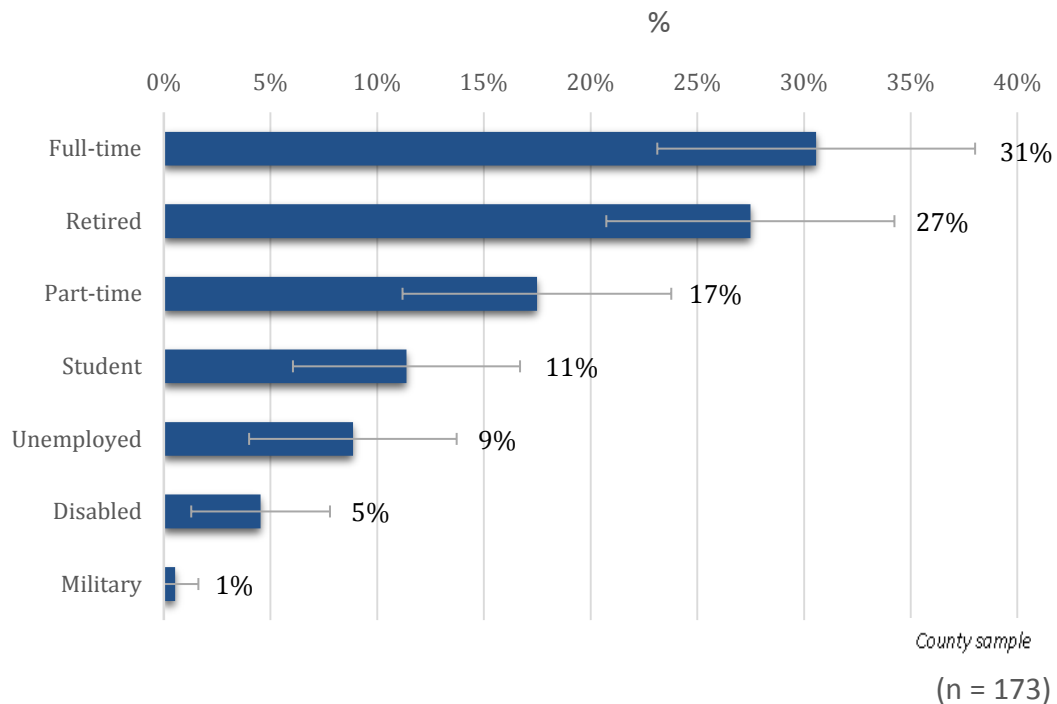
49. What was your total household income last year, before taxes? I will read out categories. Let me know which you fall into. (Choose one.)



50. How many people does your total household income support?



51. What is your employment status? I will read a list of choices. Let me know which ones apply to you.
(Check all that apply.)



52. Which form of communication do you regularly use? (Check all that apply.)

